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The national day April 23 Children's Day in Turkey is a unique event. The founder of the Turkish Republic, Mustafa Kemal Atatürk, presented April 23 to all the world's children to emphasize that they are successor of the future. The day in April 23 1920, the Grand National Assembly of Turkey was founded.

<http://zoobank.org/References/E3209E25-B1FF-4746-A5B6-20263B0E817C>

## Illustrated list of the Lepidoptera species of Zap valley (Hakkari Province, South East Turkey)

Muhabbet Kemal<sup>1</sup> Sibel Kızıldağ Ahmet Ömer Koçak

**Abstract:** Illustrated list of the Lepidoptera species of Zap valley (Hakkari Province, South East Turkey). *Priamus* 19 (2): 74-147, 133 figs.

In this paper, 598 species of Lepidoptera recorded from Zap Valley (Hakkari Province, SE Turkey) are listed alphabetically with synonyms and information on provincial distribution in Turkey. Natural illustrations of adults of 125 species are given. Remarks are added to some species.

**Key words:** Argynniidae, Hesperidae, Libytheidae, Lycaenidae, Papilionidae, Pieridae, Satyridae, Arctiidae, Brahmaeidae, Choreutidae, Cimbidae, Cosmopterigidae, Cossidae, Ctenuchidae, Drepanidae, Ethmiidae, Gelechiidae, Geometridae, Lasiocampidae, Limacodidae, Lymantriidae, Noctuidae, Notodontidae, Oecophoridae, Psychidae, Pterophoridae, Pyralidae, Saturniidae, Scythridae, Sesiidae, Sphingidae, Stathmopodidae, Tineidae, Tortricidae, Zygaenidae, Lepidoptera, fauna, Hakkari, Zap Valley, Turkey.

The first faunistic comprehensive results of the Lepidoptera, collected by the authors from various localities of the Zap Valley in Hakkari Province (SE Turkey) was published by the authors (Kemal & Koçak, 2018a). In the present paper, the species list of the Lepidoptera of the Zap Valley is revised, provincial distributional list for each species is updated. Within the private barcoding project of the Cesa Collection, 36 species from Hakkari Province of 11 families are prepared (Table 1). Some of the results have been evaluated. This process is still ongoing (see also Kemal *et al.*, 2020b).

The present number of the species of the Lepidoptera recorded from Hakkari Province is 1048 (butterflies 214, moths 834). Faunistically, 135 butterflies and 463 moth species of 35 families are listed from Zap Valley with synonyms and distributional information based on the provinces of Turkey. The Lepidoptera species of Zap Valley represent more than half of the whole fauna of Hakkari Province. Totally 125 species were photographed during the field studies in Hakkari Province, between the year of 2011 and 2018. These illustrations are given here for the first time. The faunistic, taxonomic, and molecular investigations in this region is ongoing under hazardous working conditions.

<sup>1</sup> Dr Muhabbet Kemal & Dr Sibel Kızıldağ - Van Yüzüncü Yıl University, Faculty of Science, Dept. of Biology, Campus, Van / Turkey.  
e-mails: [muhabbet\\_kemal@yahoo.com.tr](mailto:muhabbet_kemal@yahoo.com.tr) & [sibelkizildag@vyu.edu.tr](mailto:sibelkizildag@vyu.edu.tr)  
Prof. em Dr Ahmet Ömer Koçak, c/o Yüzüncü Yıl University, Faculty of Science, Dept. of Biology., Van / Turkey.  
e-mail: [cesa\\_tr@yahoo.com.tr](mailto:cesa_tr@yahoo.com.tr) (corresponding author).

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We hope that this very troubled process, we are experiencing due to the coronavirus pandemic, is over as soon as possible by using the scientific methods not by praying, if it is natural. We wish most of us to return to our happy and healthy days again. The authors.

**Table 1** – Information on the DNA barcoded specimens from Hakkari Pr. (SE Turkey) in the Cesa Collection, within the project (DBLCC)<sup>2</sup>

Name of taxa	Families	Collecting data	Process ID (fasta) 658bp	Related publications
<i>Bellachima diaphanaria</i>	Geometridae	Hakkari Pr. Yüksekova, Dağlıca, H. Uçak leg.	Lep-Apo 01-Cesa	Kemal <i>et al.</i> , 2018.
<i>Bellachima diaphanaria</i>	Geometridae	Hakkari Pr. Yüksekova, Dağlıca, H. Uçak leg.	Lep-Apo 02-Cesa	Kemal <i>et al.</i> , 2018.
<i>Sitochroa verticalis albalis</i>	Pyalidae	Hakkari Pr. 19 5 2018, M.Kemal & A.Koçak leg.	Lep-Pyr006-Cesa	
<i>Neognopharmia cataleucaria</i>	Geometridae	Hakkari Pr. 20 5 2018, M.Kemal & A.Koçak leg.	Lep-Geo 002-Cesa	
<i>Arctia villica ssp. marchandi</i>	Arctiidae	Hakkari Pr. Sümbül Mt 1350m, M.Kemal & A.Koçak leg.	Lep-Arct01-Cesa	Kızıldağ <i>et al.</i> , 2019
<i>Aeglotis argentalis</i>	Pyalidae	Hakkari Pr. Yüksekova, Yeşiltaş, M.Kemal & A.Koçak leg.	Lep-Pyr026-Cesa	
<i>Dolichartia intervacatalis</i>	Pyalidae	Hakkari Pr. Yüksekova Dağlıca, H.Uçak leg.	Lep-Pyr030-Cesa	
<i>Anchinia mukusensis</i>	Oecophoridae	Hakkari Pr. Kırıkdağ, M.Kemal & A.Koçak leg.	Lep-Oec 02-Cesa	Kızıldağ. & Kemal, 2019
<i>Loxostege mucosalis</i>	Pyalidae	Hakkari Pr. Sümbül E 1625m, M.Kemal & A.Koçak leg.	Lep-Pyr036-Cesa	
<i>Evergestis desertalis</i>	Pyalidae	Hakkari Pr. Sulphur valley, M.Kemal & A.Koçak leg.	Lep-Pyr038 –Cesa	
<i>Ecpyrhorrhoe diffusalis</i>	Pyalidae	Hakkari Pr. Sümbül E 1625m, M.Kemal & A.Koçak leg.	Lep-Pyr039 –Cesa,	
<i>Pyrausta ? castalis</i>	Pyalidae	Hakkari Pr. Sümbül E 1625m, M.Kemal & A.Koçak leg.	Lep-Pyr040 –Cesa	
<i>Pyrausta</i>	Pyalidae	Hakkari Pr. Sümbül E 1625m, M.Kemal & A.Koçak leg.	Lep-Pyr041-Cesa	
<i>Euzopherodes lutsignella</i>	Pyalidae	Hakkari Pr. Sümbül E 1625m, M.Kemal & A.Koçak leg.	Lep-Pyr042 –Cesa	
<i>Loxostege clathralis</i>	Pyalidae	Hakkari Pr. Sulphur valley 1620m, M.Kemal & A.Koçak leg.	Lep-Pyr043 –Cesa	
<i>Evergestis sp.</i>	Pyalidae	Hakkari Pr. Sulphur valley 1620m, M.Kemal & A.Koçak leg.	Lep-Pyr052 -Cesa	
<i>Cataclysmes sp1</i>	Geometridae	Hakkari Pr. Sümbül E 1625m, M.Kemal & A.Koçak leg.	Lep-Geo 007 –Cesa	
<i>Idaea sp.</i>	Geometridae	Hakkari Pr. Sulphur valley 1620m, M.Kemal & A.Koçak leg.	Lep-Geo 010 –Cesa	
<i>Neognopharmia cataleucaria</i>	Geometridae	Hakkari Pr. Sulphur valley 1620m, M.Kemal & A.Koçak leg.	Lep-Geo 011 –Cesa	
<i>Euapatura mirza</i>	Argynniidae	Hakkari Pr. Ağaçdibi 1200m, 7 7 2018, M.Kemal & A.Koçak leg.	Lep-Arg01 –Cesa	
<i>Melitaea ? ornata</i>	Argynniidae	Hakkari Pr., Ağaçdibi, 15.6.2018, M.Kemal & A.Koçak leg.	Lep Arg05–Cesa	
<i>Melanargia hylata karabagi</i>	Satyridae	Hakkari Pr. Ağaçdibi, 15.6.2018, M.Kemal & A.Koçak leg.	Lep Saty02–Cesa	
<i>Anthocharis gruenerei</i>	Pieridae	Hakkari Pr. Sümbül E 1900m, 19.5.2018, M.Kemal & A.Koçak leg.	Lep Pier 01–Cesa	
<i>Paidia aff. rica</i>	Arctiidae	Hakkari Pr. Ağaçdibi, 16.6.2018, M.Kemal & A.Koçak leg.	Lep Arct25–Cesa	
<i>Euproctis melania</i>	Lymantriidae	Hakkari Pr. Ağaçdibi, 16.6.2018, M.Kemal & A.Koçak leg.	Lep Lym008- Cesa	
<i>Wehrliola inexpectata</i> Paratype	Geometridae	Hakkari Pr.,Yüksekova, Dağlıca, H.Uçak leg	Lep Geo 028- Cesa	
<i>Eumera hoeferi</i>	Geometridae	Hakkari Pr. Ağaçdibi, 5.10.2018, M. Kemal & A.Koçak leg.	Lep Geo 041- Cesa	
<i>Sitochroa verticalis albalis</i>	Pyalidae	Hakkari Pr. Sümbül E 1625m 20 5 2018, M. Kemal & A.Koçak leg.	Lep Pyr 074- Cesa	
<i>Muschampia? tersa</i>	Hesperiidae	Hakkari Pr. Yüksekova, Dağlıca 1865m, 23.5.2017, H.Uçak leg.	LepHesp21-Cesa	
<i>Pyrgus armoricanus</i>	Hesperiidae	Hakkari Pr. Yüksekova, Dağlıca 1600m, 21.9.2017, H.Uçak leg.	LepHesp23-Cesa	
<i>Cigaritis cilissa</i>	Lycaenidae	Hakkari Pr. Zap valley, Sulphur valley 1570m, M. Kemal & A.Koçak leg.	LepLyc047-Cesa	
<i>Rubrapterus bavius</i>	Lycaenidae	Hakkari Pr. Dez valley 1600m, 7.6.2018, M. Kemal & A.Koçak leg.	LepLyc049-Cesa	
<i>?Maradana minimalis</i>	Pyalidae	Hakkari Pr. Yüksekova Dağlıca 1835m, 24 viii 2017, H.Uçak leg.	LepPyr106-Cesa	
<i>Malacosoma sp.</i>	Lasiocampidae	Hakkari Pr. Şemdinli, Kol mizr. 1866m, 25.v.2019, H.Uçak leg.	LepLasi01-Cesa	
<i>Cataclysmes sp.</i>	Geometridae	Hakkari Pr. Yüksekova Adaklı 1988m, 5 ix.2019, H.Uçak leg.	LepGeo 049-Cesa	
<i>Dasycorsa modesta</i>	Geometridae	Hakkari Pr. Şemdinli, Kol mizr. 1807m, 25.v.2019, H.Uçak leg.	Lep Geo 050-Cesa	
<i>Euclasta sp.</i>	Pyalidae	Hakkari Pr. Sülfür valley 1570m, 8 vii.2018, M.Kemal & A.Koçak leg.	Lep Pyr115-Cesa	
<i>Hyperlais sp.</i>	Pyalidae	Hakkari Pr. Sülfür valley 1620m, 18.vi.2018, M.Kemal & A.Koçak leg.	LepPyr117-Cesa	
<i>Prochoristis capparidis</i>	Pyalidae	Hakkari Pr. Sülfür 1570m, 8 vii.2018, M.Kemal & A.Koçak leg.	LepPyr120-Cesa	

<sup>2</sup> <https://www.researchgate.net/project/DNA-Barcoding-of-the-Lepidoptera-of-Cesa-Collection-DBLCC>

## List of the species recorded from Zap Valley

Following list is arranged alphabetically according to the families. Chronologically arranged synonyms and information on provincial distribution as codes are added to each species.

### Butterflies

(Figs. 1-46)

#### Argynnidae

##### 1. *Aglais urticae* (Linnaeus, 1758)

Synonymy: *urticae* Linnaeus, 1758; *opima* Verity, 1919; *variegata* Querci, 1932; *strandii* Verity, 1936.

Range (in code): 01 02 03 04 05 06 07 08 10 11 12 13 14 16 17 18 19 21 22 23 24 25 26 28 29 30 31 32 33 34 35 36 37 38 39 42 43 44 46 49 50 51 52 53 55 56 58 60 61 62 65 66 69 70 73 74 75 76 78 81

##### 2. *Argynnis (Fabriciana) niobe* (Linnaeus, 1758)

Synonymy: *niobe* Linnaeus, 1758

Range (in code): 01 02 03 04 05 06 07 08 11 12 13 14 15 16 18 23 24 25 27 29 30 31 32 33 35 36 38 39 42 43 44 46 47 48 49 50 51 53 56 58 60 61 62 65 66 69 71 70 73 74 76 80

##### 3. *Argynnis (Pandoriana) pandora* ([Denis & Schiffermüller], 1775)

Synonymy: *pandora* [Denis & Schiffermüller], 1775; *maja* Cramer, 1775 nec Fabricius, 1775; *cynara* Fabricius, 1777; *cyrnea* Schwerda, 1926; *transcaucasica* Moucha, 1967; *deserticola* Gross & Ebert, 1975.

Range (in code): 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 20 21 22 23 24 25 26 27 29 30 31 32 33 34 35 36 37 38 39 40 42 43 44 46 47 48 49 50 51 52 53 55 56 58 60 61 62 63 65 66 67 69 70 71 72 73 74 76 77 78 80 81

Remarks: This species was illustrated from West of Sümbül Mt. (Koçak & Kemal, 2015: fig.7).

##### 4. *Argynnis (Speyeria) aglaja* (Linnaeus, 1758)

Synonymy: *aglaja* Linnaeus, 1758; *charlotta* Haworth, 1802; *emilia* Acerbi, 1802 nec Cr., 1779; *caroletta* Jermyn, 1827; *locuples* Verity, 1919 nec Butler, 1879; *emilocuples* Verity, 1919; *locupletata* Verity, 1922; *montesignum* Sagarra, 1926.

Range (in code): 01 03 04 05 06 07 08 10 11 13 14 16 18 24 25 26 28 29 30 31 32 33 34 36 37 39 42 43 46 50 51 52 53 57 58 60 61 62 65 66 67 69 74 75 76 78

##### 5. *Brenthis daphne* (Bergsträsser, 1780)

Synonymy: *daphne* Bergsträsser, 1780; *chloris* Esper, 1778 nec Fabricius, 1775; *epidaphne* Fruhstorfer, 1907; *nikator* Fruhstorfer, 1909; *tenuitermaculosa* Verity, 1922; *syriaca* Belter, 1935; *anatolica* Belter, 1935.

Range (in code): 01 03 05 07 08 10 11 13 15 16 17 20 22 23 24 25 29 30 31 32 33 34 35 36 37 39 42 43 44 45 46 48 49 59 60 62 65 69 73 76 80

##### 6. *Brenthis mofidii* Wyatt, 1968

(Fig. 1)

Synonymy: *mofidii* Wyatt, 1968

Range (in code): 30 65

Remarks: This species was illustrated from West of Sümbül Mt. (Koçak & Kemal, 2015: fig.8).

##### 7. *Euapatura mirza* Ebert, 1971

(Figs. 2, 3)

Synonymy: *mirza* Ebert, 1971; *iwasei* Igarashi, 1971.

Range (in code): 13 30 56 65 72 73

Remarks: This species was first reported by Koçak (1975: 26) from Turkey, based upon his capture from Zap Valley and Üzümcü (Hakkari Province) on 31.vii.1973. It was also illustrated from East of Kırkdag 1350m (Koçak & Kemal, 2015: fig.9).

##### 8. *Euphydryas (Eurodryas) aurinia* (Rottemburg, 1775)

(Fig. 4)

Synonymy: *aurinia* Rottemburg, 1775; *artemis* [Denis & Schiffermüller], 1775; *lye* Bergsträsser, [1779]; *koloswarensis* Piller & Mitterpacher, 1783; *scotica* Robson, 1880; *signifera* Kane, 1893; *anglicana* Fruhstorfer, 1917; *acedia* Fruhstorfer, 1917; *pychanpar* Lastukhin, 2007

Range (in code): 05 06 08 14 16 18 25 29 30 34 36 39 46 53 58 59 62 65 69 73 75 76

Remarks: This species was illustrated from Yüksekova Vargöz 1900m (Koçak & Kemal, 2015: fig. 10).

**9. *Issoria lathonia* (Linnaeus, 1758)**

Synonymy: *lathonia* Linnaeus, 1758; *saturata* Röber, 1897; *hungarica* Aigner-Abafi, 1906; *florens* Verity, 1916; *emiflorens* Verity, 1919; *attenuata* Sagarra, 1926; *nigroprivata* Verity, 1933.

Range (in code): 01 03 04 05 06 07 08 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 42 43 44 45 46 48 49 50 51 52 53 55 56 57 58 59 60 61 62 65 66 67 69 70 71 73 74 75 76 77 78 80 81

**10. *Limenitis (Azuritis) reducta* Staudinger, 1901**

Synonymy: *reducta* Staudinger, 1901.

Range (in code): 01 02 03 05 06 07 08 09 10 11 13 14 15 16 17 18 20 21 22 23 24 25 26 27 29 30 31 32 33 34 35 36 37 39 42 43 44 45 46 48 49 50 51 52 53 55 56 58 59 60 62 65 66 67 71 72 73 75 76 77 78

**11. *Melitaea (Cinclidia) ornata* Christoph, 1893**

Synonymy: *ornata* Christoph, 1893; *uralensis* Krulikowsky, 1897 nec Evers., 1844; *ufensis* Krulkowsky, 1902; *lokris* Fruhstorfer, 1908; *telona* Fruhstorfer, 1908; *amanica* Rebel, 1917; *emipunica* Verity, 1919; *punicata* Ragusa, 1919; *dorae* Graves, 1925; *nigrogylia* Verity, 1939; *enoch* Higgins, 1941; *#asciata* Wiltshire, 1946; *capreola* Varga, 1967; *kovacs* Varga, 1967; *abbas* Gross & Ebert, 1975

Range (in code): 01 02 03 05 06 07 08 10 12 13 15 16 17 18 19 20 21 23 24 25 26 27 28 29 30 31 32 33 35 36 38 41 42 43 44 46 48 49 50 51 55 56 58 60 62 65 66 68 69 70 71 73 76 80

Remarks: This species was illustrated from Kırıkdağ 2050m (Koçak & Kemal, 2015: fig. 11, 12).

**12. *Melitaea (Cinclidia) phoebe* (Goeze, 1779)**

Synonymy: *#phoebe* [Denis & Schiffermüller], 1775; *phoebe* Goeze, 1779; *paedotropos* Bergsträßer, [1780]; *tremulae* Piller & Mitterpacher, 1783.

Range (in code): 01 04 05 06 08 10 11 13 14 16 17 22 23 24 25 26 27 30 31 33 34 36 39 41 42 44 46 50 51 55 58 59 60 61 62 65 66 69 71 72 73 75 77 78 80

**13. *Melitaea (Didymaeformis) didyma* (Esper, [1779])**

Synonymy: *didyma* Esper, [1779]; *cytheris* Müschen, 1781; *neera* Fischer de Waldheim, 1840; *meridionalis* Stauding, 1861; *occidentalis* Staudinger, 1861; *dalmatina* Staudinger, 1870; *graeca* Staudinger, 1870; *jaika* Krulikowsky, 1897; *kasanskyi* Krulikowsky, 1901; *mauritanica* Oberthür, 1909; *mauretanica* Oberthür, 1909; *patycosana* Turati, 1911; *nisseni* Rothschild, 1913; *interposita* Rothschild, 1913; *oreithya* Fruhstorfer, 1917; *druentia* Fruhstorfer, 1917; *lesora* Fruhstorfer, 1917; *naina* Fruhstorfer, 1917; *tarlona* Fruhstorfer, 1917; *seilemis* Fruhstorfer, 1917; *marsilia* Fruhstorfer, 1917; *cataprotea* Verity, 1929; *libanotica* Belter, 1934; *montium* Belter, 1934; *variabilis* Belter, 1934; *pontifex* Bryk, 1940; *pfeifferi* Bryk, 1940; *orinomus* Rüttimeyer, 1942; *boschmai* Eisner, 1942; *ibra* Higgins, 1964; *pseudolatonigena* Yakovlev, 2002

Range (in code): 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 46 47 48 49 50 51 52 53 54 55 58 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 76 78 80

Remarks: This species was illustrated from Kırıkdağ (Koçak & Kemal, 2015: fig. 14).

**14. *Melitaea (Didymaeformis) perseia* Kollar, [1849]**

Synonymy: *perseia* Kollar, [1849]; *caucasica* Staudinger, 1861; *dodgsoni* Grose-Smith, 1887; *kaschtschenkoi* Christoph, 1889; *paphlagonia* Fruhstorfer, 1917; *magnacasta* Verity, 1929; *araratica* Verity, 1929; *sargon* Hemming, 1932; *tauricus* Belter, 1934; *hafiz* Higgins, 1941; *afghana* Heydemann, 1954; *darius* Gross & Ebert, 1975; *sangdana* Eckweiler, 1981; *jitka* Weiss & Major, 2000

Range (in code): 02 04 13 21 23 24 25 27 30 36 44 46 47 49 56 62 63 65 72 73 75 76

**15. *Melitaea (Didymaeformis) syriaca* Rebel, 1905**

Synonymy: *syriaca* Rebel, 1905; *pseudodidyma* Rebel, 1905; *aabaca* Fruhstorfer, 1911; *bloetei* Eisner, 1942

Range (in code): 01 02 03 05 06 07 08 09 10 11 12 13 15 16 17 18 19 20 21 22 23 25 27 29 30 31 32 33 34 35 36 37 38 39 41 42 43 44 45 47 48 49 50 51 55 56 57 58 59 60 62 63 65 66 69 70 71 72 73 76 77 80 81

Remarks: This species was illustrated from Kırıkdağ (Koçak & Kemal, 2015: fig. 13).

**16. *Melitaea (Mellicta) athalia* (Rottemburg, 1775)**

Synonymy: *athalia* Rottemburg, 1775; *eos* Rossi, 1803 nec Rossi, 1794; *pyronia* Hübner, 1804; *aphaea* Hübner, 1816; *tessellata* Stephens, 1827; *britannia* Verity, 1914; *luciflua* Fruhstorfer, 1916; *vividior* Gouin, 1922; *anatolica* F. Wagner, 1929; *subluciflua* Verity, 1935; *mixtaceladussa* Verity, 1940; *neglecta* Pfau, 1962

Range (in code): 01 03 05 06 08 10 11 16 17 18 19 24 25 29 30 31 33 34 36 37 39 42 52 53 54 55 58 60 61 62 66 69 73 74 75 76 78

**17. *Melitaea (s.str.) arduinna* (Fabricius, 1787) (Fig. 5)**

Synonymy: *arduinna* Fabricius, 1787; *rhodopensis* Freyer, [1836] [ssp.]; *uralensis* Eversmann, 1844; *evanescens* Staudinger, 1886 [ssp.]; *#fulminans* Staudinger, 1886; *heynei* Rühl, [1893] [ssp.]; *kocaki* Wägener & Gross, 1976

Range (in code): 01 02 05 07 10 13 21 24 25 27 30 31 32 36 39 42 43 44 46 47 49 56 65 72 73 80

Remarks: This species was illustrated from Kırıkdağ (Koçak & Kemal, 2015: fig. 12).

**18. *Melitaea (s.str.) cinxia* (Linnaeus,1758)**

Synonymy: *cinxia* Linnaeus,1758; *abacus* Retzius,1783; *fulla* Quensel,1791.

Range (in code): 01 02 03 04 05 06 07 08 12 13 14 16 17 18 20 21 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 41 42 43 44 46 47 48 49 50 51 52 55 56 58 60 61 62 65 66 69 70 71 73 74 76 80

**19. *Nymphalis polychloros* (Linnaeus,1758)**

Synonymy: *polychloros* Linnaeus,1758; *testudo* Esper,1781; *pyrrhomelaena* Hübner,1824; *pyromelas* Freyer,1834; *fervida* Standfuss,1896.

Range (in code): 01 03 05 06 07 08 09 10 11 12 13 14 16 17 18 19 20 21 22 23 25 26 27 30 31 32 33 34 35 36 39 40 41 42 43 44 45 46 47 48 50 51 52 56 58 60 62 65 71 73 78

**20. *Nymphalis xanthomelas* (Esper,[1781])**

Synonymy: *#xanthomelas* [Denis & Schiffermüller],1775; *xanthomelas* Esper,[1781]

Range (in code): 01 05 06 08 12 13 16 21 24 25 30 31 33 34 36 42 46 49 51 56 62 65 69 72 73 76

**21. *Polygonia (Comma) c-album* (Linnaeus,1758) (Fig. 6)**

Synonymy: *c-album* Linnaeus,1758; *g-album* Fourcroy,1785. Range (in code): 03 05 06 08 11 13 14 16 17 18 20 21 22 24 25 27 29 30 31 32 33 34 35 36 37 39 41 42 43 44 46 48 49 50 52 53 55 58 59 60 61 62 65 66 73 74 75 76 78 81

Remarks: This species was illustrated from Kırıkdağ (Koçak & Kemal, 2015: fig.15 as “*egea*”).

**22. *Polygonia (Comma) egea* (Cramer,[1775])**

Synonymy: *egea* Cramer,[1775] (junior homonym); *vaualbum* Esper,1780; *l-album* Esper,1789; *triangulum* Fabricius,1793; *autumnalis* Stefanelli,1873; *#balucha* Evans,1932; *#pallida* Evans,1932.

Range (in code): 01 02 04 05 06 07 08 09 13 14 16 17 20 21 23 24 25 26 27 29 30 32 33 34 35 36 37 38 41 42 43 44 45 46 47 48 49 50 51 53 56 58 60 62 63 65 66 68 71 72 73 76 78 80

Remarks: This species was illustrated from Çukurca, South of Taşbaşı (Hakkari Prov.) (Koçak & Kemal, 2015: fig. 16).

**23. *Thaleropsis ionia* (Eversmann,1851) (Fig. 7, 8)**

Synonymy: *ionia* Eversmann,1851; *ammonia* Herrich-Schäffer,1851.

Range (in code): 03 05 06 07 08 13 21 23 24 25 28 30 32 33 42 44 47 48 56 58 60 62 65 70 73

**24. *Vanessa (Cynthia) cardui* (Linnaeus,1758)**

Synonymy: *cardui* Linnaeus,1758; *carduelis* Cramer,1775; *elymi* Rambur,1829; *kershawi* McCoy,1868; *pallida* Schoyen,1881; *japonica* Stichel,1908; *universa* Verity,1919; *takesakiana* Kato,1925; *jacksoni* Clark,1927

Range (in code): 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 65 66 67 68 69 70 71 72 73 74 75 76 78 80 81

**Hesperiidae****25. *Carcharodus (Lavatheria) lavatherae* (Esper,[1783]) (Fig. 9)**

Synonymy: *lavatherae* Esper,[1783]; *australior* Verity,1919; *pyrenaicus* Picard,1948.

Range (in code): 01 03 04 05 06 07 08 12 13 14 17 18 19 21 23 24 25 29 30 32 33 36 37 38 39 40 41 42 44 46 49 50 51 56 58 60 62 65 66 68 70 72 73 74 75 76 78

Remarks: This species was illustrated from Yüksekova, Kolbaşı Mt., vic. Tatlı and Kırıkdağ (Koçak & Kemal, 2015: figs. 17-19).

**26. *Carcharodus (Reverdinus) flocciferus* (Zeller,1847)**

Synonymy: *flocciferus* Zeller,1847; *altheae* Hübner,[1803] *nec* Esp.,[1783]; *imperator* Hemming,1934; *alchymillae* Hemming,1936; *autumnalis* Verity,1940.

Range (in code): 08 25 30 36 53 65 69 71 75 76

**27. *Carcharodus (Reverdinus) orientalis* Reverdin,1913**

Synonymy: *orientalis* Reverdin,1913; *centralanatolica* Pfeiffer,1927; *#aestatis* Graves,1928; *aestatis* Verity,1928; *postorientalis* Verity,1928; *maccabaeus* Hemming,1932.

Range (in code): 01 02 03 05 06 07 08 10 13 14 16 17 18 19 20 21 23 24 25 27 29 30 31 32 33 34 35 36 38 39 42 43 44 46 47 48 49 50 51 56 58 60 62 63 65 66 69 70 72 73 74 76

**28. *Carcharodus (s.str.) alceae* (Esper,[1780]) (Fig. 10)**

Synonymy: *alceae* Esper,[1780]; *malvae* Hufnagel,1766 *nec* Linn.,1758; *malvarum* Hoffmannsegg,1804; *magnaustalis* Verity,1924; *corsicus* Picard,1948.



Range (in code): 01 02 03 04 05 06 07 08 09 10 12 13 15 16 17 20 21 23 24 25 26 27 29 30 31 32 33 34 35 36 38 39 41 42 43 44 45 46 47 48 49 50 51 53 56 58 60 62 63 65 66 67 70 71 72 73 74 75 76 78 79 80  
Remarks: This species was illustrated from Kırıkdağ (Koçak & Kemal, 2015: fig. 20).

**29. *Eogenes alcides* Herrich-Schäffer, [1852]**

Synonymy: *alcides* Herrich-Schäffer, [1852]

Range (in code): 05 08 20 23 24 25 30 35 36 42 50 56 60 62 63 65 66 72 73

**30. *Erynnis (Hesperopegasus) marloyi* (Boisduval, [1834]) (Fig. 11)**

Synonymy: *marloyi* Boisduval, [1834]; *sericea* Freyer, 1838; *rustan* Kollar, [1849].

Range (in code): 01 03 04 05 06 07 08 09 12 13 16 17 18 21 23 24 25 27 28 29 30 31 32 33 34 35 36 38 40 42 44 46 48 50 56 58 60 62 65 66 70 71 72 73 76

Remarks: This species was illustrated from Suvarikotra Pass 1820m (Çukurca, Hakkari Prov.) (Koçak & Kemal, 2015: fig. 21).

**31. *Erynnis (s.str.) tages* (Linnaeus, 1758) (Fig. 12)**

Synonymy: *tages* Linnaeus, 1758; *morio* Scopoli, 1763; *geryon* Rottemburg, 1775; *subclarus* Verity, 1921.

Range (in code): 01 03 05 06 07 08 11 12 13 14 16 17 18 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 41 42 44 45 46 49 50 51 52 54 56 58 59 62 63 65 66 67 69 70 71 72 73 75 76 78

**32. *Muschampia plurimacula* (Christoph, 1893)**

Synonymy: *plurimacula* Christoph, 1893

Range (in code): 30

**33. *Muschampia poggei* (Lederer, 1858)**

Synonymy: *poggei* Lederer, 1858; *ioan* B.C.S. Warren, 1926

Range (in code): 01 07 12 13 21 23 24 25 27 30 33 42 44 46 47 49 56 58 62 63 65 70 72 73

**34. *Muschampia tersa* Evans, 1949**

Synonymy: *tersa* Evans, 1949

Range (in code): 13 30 56 65 73

**35. *Ochlodes venatus* (Bremer & Grey, [1852])**

Synonymy: *venatus* Bremer & Grey, [1852]

Range (in code): 01 02 03 05 06 07 08 10 11 13 14 16 17 24 25 26 29 30 31 32 33 34 35 36 37 39 41 42 43 46 52 53 56 58 60 61 62 65 66 69 72 73 74 75 78 81

**36. *Pyrgus alveus* (Hübner, [1803])**

Synonymy: *alveus* Hübner, [1803]; *alticolus* Rebel, 1910; *ryffelensis* Oberthür, 1910; *claralveus* Verity, 1934; *confusa* Renner, 1991; *germanica* Renner, 1991.

Range (in code): 04 08 24 25 29 30 36 51 52 53 61 62 69 75 76

**37. *Pyrgus armoricanus* (Oberthür, 1910)**

Synonymy: *armoricanus* Oberthür, 1910; *petheri* Romei, 1927.

Range (in code): 01 02 03 04 05 06 07 08 09 12 13 14 16 17 18 19 23 24 25 26 27 28 29 30 32 33 34 35 36 37 38 39 41 42 43 44 46 48 49 51 52 53 56 58 60 61 62 65 66 68 69 70 71 73 74 75 76 79

**38. *Pyrgus melotis* (Duponchel, [1834])**

Synonymy: *melotis* Duponchel, [1834]; *hypoleucos* Lederer, 1853; *jordana* Hemming, 1932.

Range (in code): 01 02 03 04 05 06 07 08 09 10 12 13 14 18 20 21 23 24 25 27 28 29 30 31 32 33 35 36 38 42 43 44 46 48 49 50 51 52 53 56 58 60 61 65 66 69 70 71 73 76 80

**39. *Pyrgus serratulae* (Rambur, [1839])**

Synonymy: *serratulae* Rambur, [1839]; *caecus* Freyer, 1846; *occidentalis* Lucas, 1910 nec Skinn., 1906; *planorum* Verity, 1925; *magnagallica* Verity, 1931; *plurisignata* Silbernagel, 1946; *arvernensis* Picard, 1948.

Range (in code): 01 03 04 05 06 07 08 12 13 14 17 18 23 24 25 27 28 29 30 31 32 33 34 36 37 38 39 42 46 47 48 49 50 51 52 53 54 58 60 61 62 65 66 69 70 71 73 74 75 76

**40. *Pyrgus sidae* (Esper, [1784]) (Fig. 13)**

Synonymy: *sidae* Esper, [1784]

Range (in code): 01 03 04 05 06 07 08 10 12 13 14 16 17 18 20 21 23 24 25 28 29 30 32 33 34 35 36 38 39 41 42 46 49 50 51 53 56 58 59 60 61 62 65 66 69 71 72 73 74 75 76 81

Remarks: This species was illustrated from Kırıkdağ (Koçak & Kemal, 2015: fig. 18).

**41. *Spialia (Neospialia) orbifer* (Hübner, [1823])**

Synonymy: orbifer Hübner, [1823]; tesselloides Herrich-Schäffer, [1845].

Range (in code): 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 23 24 25 27 28 29 30 31 32 33 34 35  
36 37 38 39 40 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 58 59 60 61 62 63 64 65 66 68 69 70 71 72 73 74 75 76 77 80**42. *Thymelicus hyrax* (Lederer, 1861)**

Synonymy: hyrax Lederer, 1861; pfeifferi Bytinski-Salz &amp; Brandt, 1937.

Range (in code): 01 05 06 07 08 09 13 16 18 23 24 25 27 29 30 31 33 35 36 42 46 48 65 72 73 76

**43. *Thymelicus lineolus* (Ochsenheimer, 1808)**

Synonymy: lineolus Ochsenheimer, 1808; virgula Hübner, 1813 nec Retz., 1783; ludoviciae Mabilie, 1883; pallida Tutt, 1896; clara Tutt, 1905; hemmingi Romei, 1927; melissus Zerny, 1932; fornax Hemming, 1934

Range (in code): 01 02 03 04 05 06 07 08 10 12 13 14 15 16 18 19 20 21 22 23 24 25 26 27 29 30 31 32 33 34 36 38 39  
40 42 43 44 46 47 48 49 50 51 56 58 60 62 63 65 66 69 70 71 73 74 75 76 78 80**44. *Thymelicus novus* (Reverdin, 1916)**

Synonymy: novus Reverdin, 1916

Range (in code): 04 05 13 21 23 25 30 46 47 56 62 65 73

Remarks: This species was illustrated from Kırıkdağ (Koçak &amp; Kemal, 2015: fig. 22).

**45. *Thymelicus sylvestris* (Poda, 1761) (Fig. 14)**

Synonymy: sylvestris Poda, 1761; flava Brünnich, 1763; linea Müller, 1764; thaumas Hufnagel, 1766; divaricatus Fourcroy, 1785; venula Hübner, [1813]; obscura Verity, 1905

Range (in code): 01 02 03 04 05 06 07 08 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35  
36 37 38 39 40 42 43 44 45 46 47 48 49 50 51 56 58 60 61 62 63 64 65 66 67 69 70 71 72 73 74 75 76 78 81**Libytheidae****46. *Libythea (s.str.) celtis* (Laicharting, 1782) (Fig. 15)**

Synonymy: celtis Laicharting, 1782

Range (in code): 01 03 05 06 07 08 09 10 11 13 14 16 17 20 21 23 25 26 27 29 30 31 32 33 34 35 37 38 41 42 43 46 48  
52 56 58 60 62 65 66 71 73 76**Lycaenidae****47. *Callophrys* aff. *paulae* Pfeiffer, 1932 (Fig. 16)**

Synonymy: paulae Pfeiffer, 1932; ?alpicola Koçak, 1989

Range (in code): 07? 24 25 30 38 46 50 51 60 62 65 69 70 73 75

Remarks: This species was previously recorded from Erziki (Kotranis) (Hakkari Prov.). The present identification is temporary.

**48. *Celastrina argiolus* (Linnaeus, 1758)**

Synonymy: argiolus Linnaeus, 1758; cleobis Sulzer, 1776; thersanon Bergsträßer, 1779; argyphontes Bergsträßer, 1779; argalus Bergsträßer, 1779; marginatus Retzius, 1783; acis Fabricius, 1787 nec Dru., [1773]; #parvipuncta Fuchs, 1880; calidogenita Verity, 1919; britanna Verity, 1919.

Range (in code): 01 02 03 05 06 07 08 09 10 11 12 13 14 15 16 17 18 20 21 22 23 24 25 27 28 29 30 31 32 33 34 35 36  
37 38 39 41 42 43 45 46 47 48 49 50 51 52 53 54 56 58 59 60 61 62 65 66 67 69 72 73 75 76 78 81**49. *Chilades (Freyeria) trochylus* (Freyer, [1843])**

Synonymy: trochylus Freyer, [1843]; #trochilus Herrich-Schäffer, [1845]; parva Murray, 1874; persa Bytinski-Salz &amp; Brandt, 1937; #supraradiata Wagner, 1931

Range (in code): 01 02 03 05 06 07 08 12 13 16 18 20 21 23 24 25 27 30 31 32 33 34 35 38 40 42 44 46 48 50 51 56 58  
60 62 63 65 68 70 71 72 73 76 79 80

Remarks: This species was illustrated from Sümbül Mt. 1390m (Koçak &amp; Kemal, 2015: fig. 23).

**50. *Cigaritis acamas* (Klug, 1834) (Fig. 17)**

Synonymy: acamas Klug, 1834; obscurata Staudinger, 1901; #düldüli Pfeiffer, 1932; dueldueli Pfeiffer, 1932

Range (in code): 01 12 13 21 23 24 27 30 31 33 46 47 56 62 63 65 73 80

- 51. *Cigaritis cilissa* Lederer, 1861 (Fig. 18)**  
 Synonymy: *cilissa* Lederer, 1861; *minima* Staudinger, 1901  
 Range (in code): 01 02 12 23 24 27 30 31 33 44 46 48 62 63
- 52. *Cigaritis uighurica* Kemal & Koçak, 2005 (Fig. 19)**  
 Synonymy: *maxima* Staudinger, 1901 nec Elw., 1892; *uighurica* Kemal & Koçak, 2005; *ottostaudingeri* Weidenhoffer & Bozano, 2007  
 Range (in code): 01 02 13 21 23 24 27 30 33 44 46 47 56 65 72 73 80  
 Remarks: This species was illustrated from Kırıkdağ (Koçak & Kemal, 2015: figs. 24-26).
- 53. *Cupido (s.str.) osiris* (Meigen, [1829])**  
 Synonymy: *osiris* Meigen, [1829]; *saortae* Duponchel, 1832; *violacea* Verity, 1911; *sebrus* Boisduval, [1833].  
 Range (in code): 01 03 04 05 06 07 08 10 11 13 14 15 16 17 18 19 21 23 24 25 26 28 29 30 31 32 33 35 36 37 38 39 41 42 44 46 48 50 51 52 53 56 58 59 60 61 62 65 66 67 68 69 70 71 73 75 76 78 81  
 Remarks: This species was illustrated from Kırıkdağ (Koçak & Kemal, 2015: fig. 27).
- 54. *Glaucopsyche (s.str.) alexis* (Poda, 1761) (Fig. 20)**  
 Synonymy: *alexis* Poda, 1761; *damaetas* [Denis & Schiffermüller, 1775; #*sublugens* Strand, 1909; #*insulicola* Turati & Fiori, 1930; *mironi* Coutsis, 1976.  
 Range (in code): 01 02 03 04 05 06 07 08 09 11 12 13 14 15 16 17 18 19 20 21 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 41 42 43 44 45 46 47 48 49 50 51 52 56 58 60 61 62 65 66 68 69 70 71 72 73 74 76 80
- 55. *Lampides boeticus* (Linnaeus, 1767) (Fig. 21)**  
 Synonymy: *boeticus* Linnaeus, 1767; *damoetes* Fabricius, 1775; *coluteae* Fuessly, 1775; *pisorum* Fourcroy, 1785; *boedicus* Borkhausen, 1788; #*baeticus* Latreille, 1809; *armeniensis* Gerhard, 1886; *bagus* Distant, 1886  
 Range (in code): 01 02 03 04 05 06 07 08 09 10 12 13 14 15 16 17 20 21 23 24 25 26 27 29 30 31 32 33 34 35 36 37 38 39 40 42 44 45 46 47 48 49 50 51 52 53 56 58 60 62 63 64 65 70 71 72 73 76
- 56. *Lycaena (Alciphronia) alciphron* (Rottemburg, 1775) (Fig. 22)**  
 Synonymy: *alciphron* Rottemburg, 1775; *lampetie* [Denis & Schiffermüller, 1775; *hiere* Fabricius, 1787.  
 Range (in code): 01 02 03 04 05 06 07 08 10 11 12 13 14 15 16 17 18 19 21 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 42 43 44 46 49 50 51 53 56 58 60 61 62 65 66 69 71 72 73 74 76 80  
 Remarks: This species was illustrated from Kırıkdağ (Koçak & Kemal, 2015: fig. 28).
- 57. *Lycaena (Heodes) virgaureae* (Linnaeus, 1758)**  
 Synonymy: *virgaureae* Linnaeus, 1758; *armeniaca* A. Bang-Haas, 1906; *chrysorhoas* Fruhstorfer, 1917; *balcanicola* Graves, 1928.  
 Range (in code): 01 03 04 05 06 08 11 13 14 16 18 24 25 26 29 30 32 33 36 37 42 43 46 51 53 58 60 62 65 66 69 75 76 78
- 58. *Lycaena (Loweia) tityrus* (Poda, 1761)**  
 Synonymy: *tityrus* Poda, 1761; *acirion* [Brünnich], 1763; *orientalis* Staudinger, 1881; *argentifex* Balint, 1990.  
 Range (in code): 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
- 59. *Lycaena (Thersamonia) asabinus* (Gerhard, [1850])**  
 Synonymy: #*helius* Herrich-Schäffer, [1851]; *asabinus* Herrich-Schäffer, [1852].  
 Range (in code): 01 02 03 04 05 07 08 12 13 21 23 24 25 30 32 33 36 42 44 46 47 50 51 52 56 58 62 65 70 73
- 60. *Lycaena (Thersamonia) kefersteinii* (Gerhard, [1850])**  
 Synonymy: *kefersteinii* Gerhard, [1850]; *phaeton* Freyer, [1850]; #*ochimus* Herrich-Schäffer, [1851]; *ochimus* Herrich-Schäffer, [1852].  
 Range (in code): 01 02 04 05 06 07 08 11 12 13 14 21 23 24 25 29 30 32 33 35 36 38 42 43 44 46 47 50 51 56 58 60 62 63 65 66 68 69 70 71 72 73 76
- 61. *Lycaena (Thersamonia) kurdistanica* (Riley, 1921) (Fig. 23)**  
 Synonymy: *kurdistanica* Riley, 1921  
 Range (in code): 13 30 49 56 65 72 73
- 62. *Lycaena (s.str.) phlaeas* (Linnaeus, 1761) (Fig. 24)**  
 Synonymy: *phlaeas* Linnaeus, 1761; *virgaureae* Fourcroy, 1785 nec Linn., 1758; *eleus* Fabricius, 1798; *aestivus* Zeller, 1850; *schmidtii* Gerhard, 1853



Range (in code): 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 41 42 44 45 46 47 48 49 50 51 52 53 54 55 56 58 59 60 61 62 63 65 66 68 69 71 72 73 74 76 78 80 81

**63. *Plebejus (Kretania) carmon* (Gerhard,[1851])**

Synonymy: carmon Gerhard,[1851, November]; eurypilus Freyer,[1851,December].

Range (in code): 01 02 03 04 05 06 07 08 12 13 14 16 18 19 21 23 24 25 26 27 28 29 30 31 32 33 35 36 38 42 44 46 47 48 49 50 51 56 58 60 62 63 64 65 66 69 70 71 72 73 74 76 79

Remarks: This species was illustrated from Kırıkdağ (Koçak & Kemal, 2015: fig. 29).

**64. *Plebejus (Plebejides) zephyrinus* (Christoph,1884)**

Synonymy: zephyrinus Christoph,1884

Range (in code): 13 30 56 65 72 73 76

Remarks: This species was illustrated from Kırıkdağ (Koçak & Kemal, 2015: fig. 30).

**65. *Plebejus (s.str.) argus* (Linnaeus,1758) (Fig. 25)**

Synonymy: argus Linnaeus,1758; aegon Denis & Schiffermiller,1775; plouharnelensis Oberthür,1926; pulchraphilonome Verity,1931.

Range (in code): 01 03 04 05 06 07 08 10 13 14 16 17 18 22 24 25 26 28 29 30 32 33 34 36 37 38 39 41 42 43 46 49 50 51 52 53 54 55 58 59 60 62 65 66 67 69 70 73 75 76 78

**66. *Polyommatus (Albulina (Plebejidea)) loewii* (Zeller,1847)**

Synonymy: loewii Zeller,1847; empyrea Gerhard,[1851]; gigas Staudinger,1871; #robusta Turati & Fiori,1930; germaniciae Pfeiffer,1932; dzhegamati Sheljuzhko,1934.

Range (in code): 01 02 03 04 05 06 07 08 12 13 14 15 18 21 24 25 26 27 29 30 32 33 35 36 37 38 40 42 43 44 46 47 48 49 50 51 53 56 58 60 62 63 65 66 69 70 71 72 73 75 76 78 80

Remarks: This species was illustrated from Kırıkdağ (Koçak & Kemal, 2015: fig. 31).

**67. *Polyommatus (Aricia (Ultraaricia)) crassipunctus* (Christoph,1893) (Fig. 26)**

Synonymy: crassipunctus Christoph,1893; #crassipunctata Seitz,1909.

Range (in code): 08 13 21 24 25 30 36 38 44 46 53 62 65 76 80

Remarks: This species was illustrated from Kırıkdağ (Koçak & Kemal, 2015: fig. 32).

**68. *Polyommatus (Aricia (s.str.)) agestis* ([Denis & Schiffermüller],1775) (Fig. 27)**

Synonymy: medon Hufnagel,1766 nec Linn.,1763; alexis Rottemburg,1775 nec Poda,1761; agestis [Denis & Schiffermüller],1775; astrarche Bergsträßer,[1779].

Range (in code): 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 29 30 31 32 33 34 35 36 37 38 39 40 41 42 44 45 46 47 48 49 50 51 54 55 56 58 60 61 62 63 65 66 68 69 70 71 72 73 75 76 78 81

**69. *Polyommatus (s.str. (Agrodiaetus (Admetusia))) alcestis* (Zerny,1932)**

Synonymy: alcestis Zerny,1932; ahmadi Carbonell,2001; karacetinae Lukhtanov & Dantchenko,2002.

Range (in code): 01 04 06 13 14 21 23 24 25 26 30 32 33 36 38 42 44 46 50 51 58 62 65 66 73

**70. *Polyommatus (s.str. (Agrodiaetus (Antidolus))) antidolus* (Rebel,1901)**

Synonymy: antidolus Rebel,1901

Range (in code): 04 12 13 24 25 30 62 65 76

**71. *Polyommatus (s.str. (Agrodiaetus (Damaia))) hopfferi* (Gerhard,[1851])**

Synonymy: #hopferi Herrich-Schäffer,[August,1851] (uninominal); hopfferi Gerhard,[November,1851]; hopfferi Herrich-Schäffer,31.December,1851]; hadjina Heyne,[1895]; malatiae Forster,1961.

Range (in code): 01 02 03 05 06 07 08 16 21 23 24 25 30 32 42 44 46 50 51 58 60 62 65 70 71 73

**72. *Polyommatus (s.str. (Agrodiaetus (Phyllisia))) baytopi* (De Lesse,1959)**

Synonymy: baytopi De Lesse,1959

Range (in code): 04 13 30 65 76

**73. *Polyommatus (s.str. (Agrodiaetus (Phyllisia))) iphigenia* (Herrich-Schäffer,[1847])**

Synonymy: iphigenia Herrich-Schäffer,[1847]

Range (in code): 01 03 04 05 06 07 08 13 14 16 24 25 29 30 32 33 36 37 38 42 46 48 51 53 58 60 62 65 66 69 70 76 78

Remarks: This species (?) was illustrated from Kırıkdağ (Koçak & Kemal, 2015: fig. 34).

**74. *Polyommatus (s.str. (Agrodiaetus (Transcaspianus))) anticarmon* (Koçak,1983)**

Synonymy: anticarmon Koçak,1983; charmieuxi Pagés,1994

Range (in code): 13 25 30 65

Remarks: This species was illustrated from Kırıkdağ (Koçak & Kemal, 2015: fig. 33).

**75. *Polyommatus* (s.str. (*Agrodiaetus* (*Transcaspicus*))) *huberti* (Carbonell,1993)**

Synonymy: *huberti* Carbonell,1993

Range (in code): 04 08 13 24 25 29 30 36 65 69 76

**76. *Polyommatus* (s.str. (*Agrodiaetus* (*Transcaspicus*))) *ninae* (Forster,1956)**

Synonymy: *ninae* Forster,1956

Range (in code): 04 08 13 24 25 29 30 36 65 69 76

**77. *Polyommatus* (s.str. (*Agrodiaetus* (*Transcaspicus*))) *turcicus* (Koçak,1977)**

Synonymy: *turcicus* Koçak,1977

Range (in code): 04 08 13 24 25 29 30 36 62 65 69 76

**78. *Polyommatus* (s.str. (*Cyaniris*)) *antiochenus* (Lederer,1861)**

Synonymy: *antiochena* Lederer,1861

Range (in code): 01 02 13 21 27 30 31 33 46 49 56 65 73 80

**79. *Polyommatus* (s.str. (*Cyaniris*)) *bellis* (Freyer,[1842])**

Synonymy: *bellis* Freyer,[1842]

Range (in code): 01 03 04 05 06 07 08 10 12 13 14 16 17 18 19 23 24 25 27 28 29 30 32 33 34 36 37 38 39 42 44 46 49 50 51 52 53 56 58 59 60 61 62 65 66 69 70 71 74 75 76 80

Remarks: This species was illustrated from Kırıkdağ (Koçak & Kemal, 2015: figs. 35, 36).

**80. *Polyommatus* (s.str. (*Lysandra*)) *bellargus* (Rottemburg,1775)**

Synonymy: *bellargus* Rottemburg,1775; *thetis* Rottemburg,1775 nec Dru.,1773; *adonis* Denis & Schiffermüller,[1775]; *salacia* Bergsträßer,1779; *venilia* Bergsträßer,1779;; *hyacinthus* Lewin,1795; *urania* Gerhard,[1851]; *persemagna* Verity,1937; *arentissima* Verity,1937; *arens* Verity,1937; *arentior* Verity,1937; *antearentior* Verity,1937; *parabellargus* Verity,1939; *shakla* Higgins,1958

Range (in code): 01 02 03 04 05 06 07 08 11 12 13 14 15 16 18 19 20 21 23 24 25 26 27 28 29 30 32 33 34 36 37 38 39 41 42 43 44 46 49 50 51 52 53 55 56 58 60 61 62 65 66 68 69 70 71 72 73 74 75 76 78 80

**81. *Polyommatus* (s.str. (*Lysandra*)) *dezinus* Freina & Witt,1983**

Synonymy: *dezinus* Freina & Witt,1983

Range (in code): 30

Remarks: This species was illustrated from Kırıkdağ (Koçak & Kemal, 2015: fig. 37).

**82. *Polyommatus* (s.str. (*Meleageria*)) *daphnis* ([Denis & Schiffermüller],1775)**

Synonymy: *daphnis* [Denis & Schiffermüller],1775; *endymion* [Denis & Schiffermüller],1775 nec Fabricius,1775; *meleager* Esper,1778; *dalmatina* Wagner,1909.

Range (in code): 01 03 04 05 06 07 08 10 11 12 13 14 15 16 17 18 20 21 23 24 25 26 29 30 31 32 33 34 35 36 38 39 40 42 43 44 46 48 49 50 51 53 56 58 60 62 65 66 68 69 70 71 73 74 75 76 78

Remarks: This species was illustrated from Sümbül Mt. (Koçak & Kemal, 2015: fig. 38).

**83. *Polyommatus* (s.str. (*Neolysandra*)) *fatima* Eckweiler & Schurian,1980 (Fig.28)**

Synonymy: *fatima* Eckweiler & Schurian,1980

Range (in code): 30 65

Remarks: This species was illustrated from Berçelan 3100m (Hakkari Prov.) (Koçak & Kemal, 2015: fig. 39).

**84. *Polyommatus* (s.str. (*Neolysandra*)) *ponticus* (Courvoisier,1911)**

Synonymy: *ponticus* Courvoisier,1911

Range (in code): 01 05 06 07 12 13 28 30 38 42 49 52 58 65

**85. *Polyommatus* (s.str. (*Plebicula*)) *amandus* (Schneider,1792)**

Synonymy: *icarius* Esper,1789 nec Rottemburg,1775; *amandus* Schneider,1792

Range (in code): 01 02 03 04 05 06 07 08 10 13 14 16 17 18 19 21 23 24 25 27 28 29 30 31 32 33 34 35 36 38 42 44 46 47 48 49 50 51 52 53 56 58 60 62 65 66 69 70 71 72 73 74 75 76 78 80

Remarks: This species was illustrated from Kırıkdağ (Koçak & Kemal, 2015: fig. 40).

**86. *Polyommatus (s.str. (Thersitesia)) thersites* (Canterer,[1835])**

Synonymy: thersites Canterer,[1835]; chapmani Ball,1914; meridiana Verity,1919.

Range (in code): 01 02 03 06 07 08 09 10 11 13 14 15 16 17 18 19 20 21 22 23 24 25 26 29 30 31 32 33 34 35 36 38 39  
40 42 43 44 46 48 49 50 51 52 54 58 59 60 62 64 65 66 68 69 70 71 72 74 75 76 78 81**87. *Polyommatus (s.str.) buzulmavi* Carbonell,1991 (Fig. 29)**

Synonymy: buzulmavi Carbonell,1991

Range (in code): 30 65

Remarks: This species was illustrated from Kırıkdağ (Koçak &amp; Kemal, 2015: fig. 41).

**88. *Polyommatus (s.str.) ciloicus* De Freina & Witt,1983**

Synonymy: ciloicus De Freina &amp; Witt,1983

Range (in code): 30

**89. *Polyommatus (s.str.) icarus* (Rottemburg,1775) (Fig. 30)**

Synonymy: argus Poda,1761 nec Linn.,1758; alexis Scopoli,1763 nec Pda,1761; thetis Esper,1777 nec Dru.,1773; icarus Rottemburg,1775; pampholyge Bergsträßer,1779; candybus Bergsträßer,1779; candiope Bergsträßer,1779; candaon Bergsträßer,1779; oceanus Bergsträßer,1779; fusciole Fourcroy,1785; icarinus Scriba,1795; pusillus Gerhard,1851; celina Austaut,1879; neglectus Stradomsky &amp; Arzanov,1999

Range (in code): 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33  
34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73  
75 76 78 80 81**90. *Pseudophilotes vicrama* (Moore,1865) (Fig. 31)**

Synonymy: vicrama Moore,1865

Range (in code): 01 03 04 05 06 07 08 11 12 13 14 15 16 17 18 19 21 23 24 25 26 27 28 29 30 31 32 33 34 35 36 38 39  
42 43 44 45 46 47 48 49 50 51 56 58 60 62 63 64 65 66 67 68 69 70 71 72 73 74 76 78 80**91. *Rubrapteris bavius* (Eversmann,1832) (Fig. 32)**

Synonymy: bavius Eversmann,1832

Range (in code): 01 05 06 07 08 09 13 14 16 17 21 23 24 27 28 30 31 32 33 34 35 38 41 42 44 46 47 48 51 58 60 62 63  
65 69 70 71 73 80Remarks: A subspecies *vanicola* of *Rubrapteris bavius* was described by Koçak (1977: 47-48) from Çatak (Van Province). The species is widely distributed in SE Turkey. The genetic distances among three populations of *bavius* are compared, i.e., Çatak (type locality), Bahçesaray (Van), and Dez Valley (Hakkari). The results were too low (0.015-0.030%). Therefore, the subspecies *vanicola* is represented at all these localities. On the other hand, previous records of *bavius* from Bağışlı (Zap Valley) and Yüksekova (Hakkari Province) (Koçak, 1977: 48) belong to ssp. *vanicola*. This species was also illustrated from Kırıkdağ (Koçak & Kemal, 2015: fig. 42).**92. *Satyrrium (Armenia) ledereri* (Boisduval,1848)**

Synonymy: ledereri Boisduval,1848

Range (in code): 05 06 07 08 19 24 27 29 30 32 36 42 44 46 50 51 58 62 63 65 71 73 76

**93. *Satyrrium (Nordmannia) abdominalis* (Gerhard,[1850])**

Synonymy: abdominalis Gerhard,[1850]; gerhardi Staudinger,[1895]; alboabdominalis Pfeiffer,1938; persica Riley,1939; #gerhardti Wiltshire,1943; elta Higgins,1964.

Range (in code): 02 05 06 07 08 12 13 17 18 19 21 23 24 25 27 29 30 31 32 33 35 36 38 42 44 46 47 49 50 51 52 56 58  
60 62 63 65 66 69 70 71 72 73 76 80

Remarks: This species was illustrated from Kırıkdağ (Koçak &amp; Kemal, 2015: fig. 43).

**94. *Satyrrium (Nordmannia) marcidum* (Riley,1921)**

Synonymy: marcidum Riley,1921

Range (in code): 30 47 56 65 72 73

**95. *Satyrrium (Nordmannia) zabni* Oorschot & Brink,1991**

Synonymy: #zabni Higgins,1964; zabni Oorschot &amp; Brink,1991.

Range (in code): 02 12 13 21 23 25 27 30 31 44 46 47 49 56 62 65 72 73

**96. *Tomares romanovi* (Christoph,1882)**

Synonymy: romanovi Christoph,1882

Range (in code): 04 12 13 21 23 30 36 47 56 62 65 72 73 76

**97. *Turanana endymion* (Freyer,[1850]) (Fig. 33)**

Synonymy: endymion Freyer,[1850]; #panagaea Herrich-Schäffer,[1851]; endymion Gerhard,[1851]; panagaea Herrich-Schäffer,[1852]

Range (in code): 01 02 03 04 05 06 07 08 13 14 15 21 23 24 25 26 29 30 31 32 33 35 36 38 42 44 46 47 50 51 52 55 56 58 60 62 65 66 69 70 71 72 73 76 80

Remarks: This species was illustrated from Sümbül Mt. (Koçak & Kemal, 2015: fig. 49).

**Papilionidae****98. *Iphiclides podalirius* (Linnaeus,1758)**

Synonymy: podalirius Linnaeus,1758; sinon Poda,1761; flammeus Fourcroy,1785; brassicae Fabricius,1807; inalpinus Verity,1911; valesiaca Verity,1911; zancaeides Verity,1911; pseudopersica Rocci,1926.

Range (in code): 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 48 49 50 51 52 54 56 58 59 60 62 64 65 66 67 68 69 70 71 73 75 76 77 78 81

Remarks: This species was illustrated from Sümbül Mt. (Koçak & Kemal, 2015: fig. 50).

**99. *Papilio (s.str.) machaon* Linnaeus,1758 (Figs. 34, 35)**

Synonymy: machaon Linnaeus,1758; reginae Retzius,1783; umbellatarum Fabricius,1807; aurantiaca Speyer,1858.

Range (in code): 01 02 03 05 06 07 08 09 10 11 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 29 30 31 32 33 34 35 36 37 38 39 40 42 43 44 45 46 47 48 50 51 56 58 59 60 62 63 65 66 68 69 70 71 72 73 74 75 76 77 78 80

Remarks: This species was illustrated from Kırıkdağ (Koçak & Kemal, 2015: fig. 51).

**100. *Parnassius (Driopa) mnemosyne* (Linnaeus,1758) (Figs. 36, 37)**

Synonymy: mnemosyne Linnaeus,1758

Range (in code): 01 03 05 06 07 08 12 13 14 16 18 24 25 26 27 29 30 31 32 33 35 36 37 39 42 46 48 49 51 52 53 58 60 61 62 65 66 67 69 73 74 76 78 80

Remarks: This species was illustrated from Kırıkdağ (Koçak & Kemal, 2015: fig. 52).

**101. *Zerynthia (Allancastris) deyrollei* (Oberthür,1869)**

Synonymy: deyrollei Oberthür,1869; eisneri Bernardi,1970; lycaoniae Eisner & Wagener,1974; #flavomaculata Verity,1905; #ochracea Verity,1905; #obscurior Verity,1905; #subflava Schultz,1908; #deflexa Schultz,1908; #charis Schultz,1908; #separata Sheljuzhko,1927.

Range (in code): 01 02 03 05 06 07 12 13 14 15 18 19 21 23 24 25 26 27 28 29 30 31 32 33 37 38 42 43 44 46 47 49 50 51 56 58 60 62 63 64 65 66 68 70 71 72 73 80

**Pieridae****102. *Anthocharis cardamines* (Linnaeus,1758)**

Synonymy: cardamines Linnaeus,1758; hesperides Newman,1894; britannica Verity,1908; meridionalis Verity,1908 nec Lederer,1852; montivaga Turati & Verity,1911

Range (in code): 01 03 04 05 06 07 08 09 10 13 14 15 16 17 18 20 21 23 24 25 27 28 29 30 31 32 33 34 35 36 37 39 41 42 43 44 45 46 47 48 51 52 53 55 56 58 60 61 62 65 66 70 71 72 73 74 75 76 78

**103. *Anthocharis damone* Boisduval,1836 (Fig. 38)**

Synonymy: damone Boisduval,1836

Range (in code): 01 04 05 07 08 10 13 21 23 24 25 27 29 30 31 32 33 34 35 36 42 43 44 46 48 49 51 56 65 69 70 73 76

**104. *Aporia (s.str.) crataegi* (Linnaeus,1758)**

Synonymy: crataegi Linnaeus,1758; nigronevrosus Retzius,1783; minor Verity,1907; basanius Fruhstorfer,1910; crataegiaugusta Verity,1937.

Range (in code): 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 46 47 48 49 50 51 53 54 55 56 58 60 61 62 63 65 66 69 70 71 72 73 74 75 76 78 80 81

Remarks: This species was illustrated from Kırıkdağ (Koçak & Kemal, 2015: fig. 53).

**105. *Colias (Eriocolias) crocea* (Fourcroy,1785)**

Synonymy: crocea Fourcroy,1785; pyrenaica Groum-Grshimailo,1893.

Range (in code): 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 65 66 68 69 70 71 72 73 74 75 76 77 78 79 80 81

**106. *Euchloe (s.str.) ausonia* (Hübner,[1804])**Synonymy: *ausonia* Hübner,[1804]; *marchandae* Geyer,[1832]

Range (in code): 01 02 03 04 05 06 07 09 10 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 48 50 51 54 56 58 60 62 63 65 66 68 70 71 72 73 74 76 77 78 80

Remarks: This species was illustrated from Çukurca, S. of Taşbaşı (Hakkari Province) (Koçak &amp; Kemal, 2015: fig. 54).

**107. *Gonepteryx (s.str.) farinosa* (Zeller,1847)**Synonymy: *farinosa* Zeller,1847

Range (in code): 01 02 03 05 06 07 08 10 11 13 14 16 17 19 20 21 24 25 26 27 29 30 31 32 33 34 35 36 38 41 42 43 44 46 47 48 50 51 56 58 60 62 65 66 67 68 69 70 71 72 73 76 78 80

**108. *Gonepteryx (s.str.) rhamni* (Linnaeus,1758)**Synonymy: *rhamni* Linnaeus,1758; *gravesi* Huggins,1956.

Range (in code): 01 03 04 05 06 07 08 10 11 12 13 14 15 16 17 18 19 24 25 26 30 31 32 33 34 35 36 38 39 42 43 44 46 47 48 49 50 51 52 55 56 60 62 65 66 67 69 71 73 75 76 81

**109. *Pieris (Artogeia) ergane* (Geyer,[1828]) (Fig. 39)**Synonymy: *ergane* Geyer,[1828]; *narcaea* Freyer,[1828].

Range (in code): 01 02 03 04 05 06 07 08 12 13 14 15 16 18 21 23 24 25 26 28 29 30 31 32 33 36 38 42 43 44 46 47 49 50 51 52 56 58 60 62 63 65 66 69 71 73 74 76

Remarks: This species was illustrated from Kırıkdağ (Koçak &amp; Kemal, 2015: fig. 56).

**110. *Pieris (Artogeia) krueperi* Staudinger,1860**Synonymy: *krueperi* Staudinger,1860

Range (in code): 01 02 07 08 09 10 13 16 17 21 25 30 32 33 35 36 39 42 45 46 48 51 56 58 62 65 70 72 73 76 80

Remarks: This species was illustrated from Kırıkdağ (Koçak &amp; Kemal, 2015: figs. 55, 56).

**111. *Pieris (Artogeia) mannii* (Mayer,1851)**Synonymy: *mannii* Mayer,1851; *manni* Verity,1908; *alpigena* Verity,1911; *roberti* Eitschberger & Steiniger,1973.

Range (in code): 01 02 03 06 07 08 10 11 13 14 17 18 21 23 24 25 26 28 29 30 31 32 33 34 35 36 37 38 39 42 43 44 45 46 47 48 49 50 51 53 56 61 62 65 67 69 72 73 74 75 76 78 80

**112. *Pieris (Artogeia) pseudorapae* Verity,1908 (Fig. 40)**Synonymy: *pseudorapae* Verity,1908

Range (in code): 01 03 04 05 06 07 08 10 11 12 13 14 16 17 18 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 41 42 43 44 45 46 47 48 49 50 51 52 53 54 56 58 59 60 61 62 63 65 66 67 68 71 73 74 75 76 77 78 80 81

**113. *Pieris (Artogeia) rapae* (Linnaeus,1758)**Synonymy: *rapae* Linnaeus,1758; *nelo* Bergsträßer,1780; *metra* Stephens,1827; *alpica* Rossi,1929.

Range (in code): 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 58 59 60 61 62 63 64 65 66 68 69 70 71 73 74 75 76 77 78 79 80

**114. *Pieris (s.str.) brassicae* (Linnaeus,1758)**Synonymy: *brassicae* Linnaeus,1758; *chariclea* Stephens,1827; *#venata* Verity,1908; *cyniphia* Turati,1924.

Range (in code): 01 02 03 04 05 06 07 08 09 10 12 13 14 15 16 17 20 21 22 23 24 25 26 27 29 30 31 32 33 34 35 36 37 38 39 41 42 43 44 45 46 48 49 50 51 52 53 54 55 56 58 60 61 63 65 66 70 71 73 74 75 76 77 78 80 81

**115. *Pontia chloridice* (Hübner,[1813])**Synonymy: *rusciae* Esper,[1784] *nec* *rusciae* Esper,[1783]; *chloridice* Hübner,[1813]; *#aestuosa* Staudinger,1901; *albidice* Staudinger,1901 *nec* Oberthür,1881.

Range (in code): 03 05 06 07 08 10 12 13 16 18 21 23 24 25 29 30 33 34 35 36 42 44 45 46 48 50 56 60 62 63 65 69 71 72 73 76

**116. *Pontia edusa* (Fabricius,1777)**Synonymy: *edusa* Fabricius,1777; *bellidice* Ochsenheimer,1808; *persica* Bienert,1869; *#nitida* Verity,[1908].

Range (in code): 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 38 39 40 41 42 43 44 46 47 48 49 50 51 52 53 54 55 56 58 59 60 61 62 63 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81

**117. *Zegris eupheme* (Esper,[1804])**Synonymy: *eupheme* Esper,[1804]; *erithoe* Eversmann,1832; *tschudica* Herrich-Schäffer,[1851].

Range (in code): 01 04 05 06 07 11 18 24 25 30 31 32 33 36 38 42 44 46 50 51 58 60 65 71 73 76



**Satyridae**

- 118. *Chazara (s.str.) bischoffi* (Herrich-Schäffer,[1846]) (Fig. 41)**  
 Synonymy: bischoffi Herrich-Schäffer,[1846]  
 Range (in code): 01 04 06 07 08 13 21 23 24 25 29 30 36 38 40 42 44 46 49 50 51 53 58 60 62 65 66 68 69 76
- 119. *Chazara (s.str.) briseis* (Linnaeus,1764)**  
 Synonymy: briseis Linnaeus,1764; daedale Bergsträßer,1780; bataia Fruhstorfer,1909; interjecta Verity,1916; variabilis Varin,1958; pictonica Varin,1958.  
 Range (in code): 01 02 03 04 05 06 07 08 10 11 12 13 14 15 16 17 18 19 20 21 23 24 25 26 27 29 30 31 32 33 34 35 36 37 38 40 42 43 44 46 47 48 49 50 51 53 55 56 58 60 62 63 64 65 66 68 69 70 71 73 74 76 78 80
- 120. *Coenonympha (s.str.) pamphilus* (Linnaeus,1758)**  
 Synonymy: pamphilus Linnaeus,1758; menalcas Poda,1761; nephele Hufnagel,1766; marginata Heyne,1894; orantia Fruhstorfer,1908; scota Verity,1911; infrarasa Verity,1926; juldusica Verity,1926; asiaemontium Verity,1926; euxina Verity,1926; posteuxina Verity,1926; londonii Verity,1926; neolyllus De Lattin,1950  
 Range (in code): 01 03 04 05 06 07 08 09 10 11 12 13 14 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 65 66 67 68 69 70 71 72 73 74 75 76 77 78 80 81
- 121. *Coenonympha (s.str.) saadi* (Kollar,[1849]) (Fig. 42)**  
 Synonymy: saadi Kollar,[1849]; iphias Eversmann,1851.  
 Range (in code): 02 12 13 21 23 25 27 30 44 46 47 56 58 62 63 65 72 73 76
- 122. *Esperarge (s.str.) clymene* (Fabricius,1787)**  
 Synonymy: #climene Esper,[1783]; clymene Fabricius,1787; boroeas Latreille,1803; synclimene Hübner,[1819].  
 Range (in code): 01 04 05 06 07 08 12 13 16 19 23 24 25 29 30 36 38 40 42 44 46 49 56 58 60 62 65 66 69 71 73 75 76  
 Remarks: This species was first reported by Koçak (1975: 27) from Hakkari Province, based upon his capture from Bağışlı 1700m (Zap Valley) on 30.vi.1972. It was also illustrated from Kolbaşı Mt., vic. Tatlı (Koçak & Kemal, 2015: fig. 58).
- 123. *Hipparchia (Neohipparchia) parisatis* (Kollar,[1849]) (Fig. 43)**  
 Synonymy: parisatis Kollar,[1849]; macrophthalmus Eversmann,1851; malatinus Heyne,1894; ismail Gross & Ebert,1975; huochenensis Huang & Zhou,2000.  
 Range (in code): 04 08 12 13 21 23 24 25 30 31 36 44 46 47 56 58 62 63 65 73 76  
 Remarks: This species was illustrated from Çukurca (Güzeldere) (Koçak & Kemal, 2015: fig. 59).
- 124. *Hyponephele (s.str. (Ereminephele)) naricoides* Gross,1977**  
 Synonymy: naricoides Gross,1977  
 Range (in code): 04 13 24 30 36 44 58 65
- 125. *Hyponephele (s.str. (Turaninephele)) urartua* De Freina & Aussem,[1987]**  
 Synonymy: urartua De Freina & Aussem,[1987]  
 Range (in code): 25 30 73
- 126. *Hyponephele (s.str. (Turaninephele)) wagneri* (Herrich-Schäffer,[1846]) (Fig. 44)**  
 Synonymy: wagneri Herrich-Schäffer,[1846]; schmidtii Bang-Haas,1927.  
 Range (in code): 01 02 07 12 13 21 23 24 27 30 33 44 47 48 50 56 58 62 63 65 70 72 73
- 127. *Hyponephele (s.str.) lycaon* (Rottemburg,1775)**  
 Synonymy: lycaon Rottemburg,1775; #lycaon Kuhn,1774; eudora Esper,1778; janirula Esper,1800; rufomaculata Korb,2005  
 Range (in code): 01 02 03 04 07 08 09 11 12 13 14 15 16 20 21 23 24 25 26 27 29 30 32 33 35 36 38 42 43 44 46 47 48 49 50 51 56 60 62 63 65 70 73 75 76 78
- 128. *Hyponephele (s.str.) lycaonoides* Weiss,1978**  
 Synonymy: lycaonoides Weiss,1978; #lycaonides Nazari,2003  
 Range (in code): 07 13 30 65 69 73  
 Remarks: This species was illustrated from Kırkdag (Koçak & Kemal, 2015: fig. 60).

**129. *Lasiommata maera* (Linnaeus, 1758)**

Synonymy: *maera* Linnaeus, 1758; *pandion* Poda, 1761; *hieria* Fab., 1777; *maja* Fuchs, 1873; *monotonia* Schilde, 1885; *crimea* Bang-Haas, 1907; *atabryris* Fruhstorfer, 1909.

Range (in code): 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 20 21 22 23 24 25 27 28 29 30 31 32 33 34 35 36 37 38 39 41 42 43 44 46 47 48 50 51 52 53 56 57 58 60 61 62 65 66 67 68 71 73 74 75 76 78 80

**130. *Lasiommata megera* (Linnaeus, 1767)**

Synonymy: *megera* Linnaeus, 1767; *caledonia* Verity, 1911; *alticola* Verity, 1911; *pseudoadrasta* Stauder, 1922; *infrapallens* Verity, 1922; *ocellator* Verity, 1923; *pallidedepulverata* Verity, 1923.

Range (in code): 01 02 05 06 07 08 09 10 11 12 13 14 15 16 17 20 21 22 23 24 25 26 27 28 30 31 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 55 56 57 58 59 60 62 63 65 66 67 70 71 72 73 74 75 76 77 80

**131. *Maniola* (s.str.) *jurtina* (Linnaeus, 1758)**

Synonymy: *jurtina* Linnaeus, 1758; *janira* Linnaeus, 1758; *lemur* Schrank, 1801.

Range (in code): 01 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 65 66 67 68 69 70 71 72 74 75 76 77 78 80 81

**132. *Melanargia* (*Turcargia*) *hylata* (Ménétriés, 1832)**

Synonymy: *hylata* Ménétriés, 1832

Range (in code): 04 13 21 30 65

**133. *Melanargia* (*Turcargia*) *syriaca* (Oberthür, 1894) (Fig. 45)**

Synonymy: *syriaca* Oberthür, 1894

Range (in code): 01 12 13 21 23 24 25 30 31 46 49 62 65 73 80

**134. *Pseudochazara* (s.str.) *pelopea* (Klug, 1832) (Fig. 46)**

Synonymy: *pelopea* Klug, 1832

Range (in code): 01 02 04 12 13 21 23 25 27 29 30 36 38 44 46 47 49 53 56 58 62 63 65 72 73 76 80

Remarks: This species was illustrated from Sümbül Mt. (Koçak & Kemal, 2015: fig. 61).

**135. *Satyrus* (s.str.(s.str.)) *favonius* Staudinger, [1892]**

Synonymy: *favonius* Staudinger, [1892]

Range (in code): 01 04 07 08 12 13 24 25 27 30 31 33 36 42 44 46 49 51 53 58 62 63 65 73 76

Remarks: This species was illustrated from Sümbül Mt. (Koçak & Kemal, 2015: fig. 62).

### Images of the butterflies and moths from nature

All the figures given below belong to M. Kemal and preserved in the Cesa Archive. The butterflies were photographed in nature by day during feeding, resting, basking, etc., when the moths were photographed similarly but very early in the morning before sunrise.



**Figs. 1, 2** - *Brenthis mofidii*. Upper Dez Valley 2050m, 3.vii.2011 (left). *Euapatura mirza*. Lower Dez Valley (East of Kırıkdağ) 1350m, 2.vii.2011 (right).



**Figs. 3, 4** - *Euapatura mirza*. Ağađdibi 1300m, 7.vii.2018 (left). *Eurodryas aurinia*. During feeding. Sömböl Mt. 1390m, 15.vi.2018 (right).



**Figs. 5, 6** - *Melitaea arduinna*. Dez Valley, 2.vii.2011 (left). *Polygonia c-album*. Upper Dez Valley, 3.vii.2011 (right).





**Figs. 7, 8-** *Thaleropsis ionia*. At rest on tree branch, Ağađibi 1300m, 6.vii.2018 (left). From same place, 7.vii.2018 (right).



**Figs. 9, 10 -** *Carcharodus lavatherae*. Dez Valley, 3.vii.2011 (left). *Carcharodus alceae*. Dez Valley, 18.v.2018 (right).



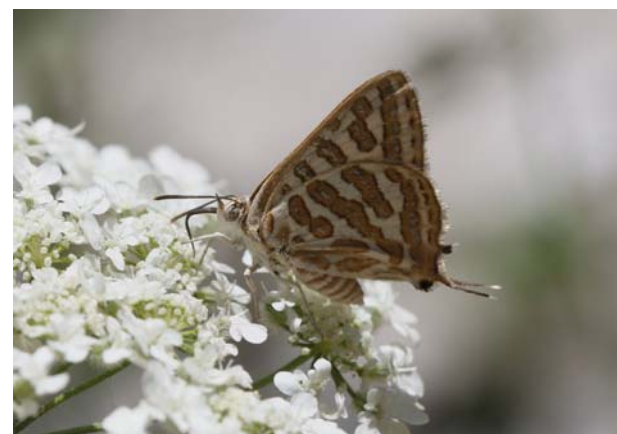
**Figs. 11, 12 -** *Erynnis marloyi*. During feeding on Boraginaceae flower, Dez valley 18.v.2018 (left). *Erynnis tages* at rest. Dez valley, 17.v.2018 (right).



**Figs. 13, 14** - *Pyrgus sidae*. Dez Valley 1300m, 17.vi.2018 (left). *Thymelicus sylvestris*. Same place and date (right).



**Figs. 15, 16** - *Libythea celtis*. Ağaçdibi 1300m, 15.vi.2018 (left). *Callophrys ? paulae*. Dez Valley, 18.v.2018 (right).



**Figs. 17, 18** - *Cigaritis acamas*. During feeding, Ağaçdibi 1375m, 6 vii.2018 (left). *Cigaritis cilissa* a pair at rest early in the morning, Sulphur valley 1570m, 18.vi.2018 (right).





**Figs. 19, 20** - *Cigaritis uighurica*. Upper Dez Valley ca.2000m. 3.vii.2011 (left). *Glaucopsyche alexis*. Dez Valley 1300m, 17.v.2018 (right).



**Figs. 21, 22** - *Lampides boeticus*. Ağaçdibi 1300m, 7.vii.2018 (left). *Lycaena alciphron*. A feeding female. Ağaçdibi 1300m., 6.vii.2018 (right).



**Figs. 23, 24** - *Lycaena kurdistanica*. During feeding. Dez Valley. 19.v.2018 (left). *Lycaena phlaeas*. During feeding. Ağaçdibi 1300m, 7.vii.2018 (right).



**Figs. 25, 26** – *Plebejus argus*. Upper Dez Valley 2000m, 3.vii.2011 (left). *Polyommatus crassipunctus*. From same place and date (right).



**Figs. 27, 28** - *Polyommatus agestis*. Ağaçdibi 1300m, 7.vii.2018 (left). *Polyommatus fatima*. Upper Dez Valley 2000m, 3.vii.2011 (right).



**Figs. 29, 30** – *Polyommatus buzulmavi*. Upper Dez Valley 2000m, 3.vii.2011 (left). *Polyommatus icarus*. Ağaçdibi 1300m. 6.vii.2018 (right)





**Figs. 31, 32** – *Pseudophilotes vicrama*. Dez Valley. 18.v.2018 (left). *Rubrapterus bavius*. Sümbül Mt. 1500m, 15.vi.2018 (right).



**Figs. 33, 34** - *Turanana endymion*. Sümbül Mt. NW 1390m, 7.vii.2014 (left). *Papilio machaon*. Summer generation. Dez Valley 1400m, 3.vii.2011 (right).



**Figs. 35, 36** - *Papilio machaon*. Summer generation. Sümbül Mt. 1390m, 7.vii.2014 (left). *Parnassius (Driopa) mnemosyne*. During feeding on Boraginaceae. Dez Valley 1300m, 18.v.2018 (right).



**Figs. 37, 38** – *Parnassius (Driopa) mnemosyne*. Upper Dez Valley 1800m, 3.vii.2011 (left). *Anthocharis damone*. Dez Valley, 19.v.2018 (right).



**Figs. 39, 40** – *Pieris ergane*. A small group of males of summer generation. Ağađdibi 1300m, 7.vii.2018 (left). *Pieris pseudorapae*. Summer generation. Upper Dez Valley 1800m, 3.vii.2011 (right).



**Figs. 41, 42** – *Chazara bischoffii*. Ağađdibi 1300m, 7.vii.2018 (left). *Coenonympha saadi*. Sümbül Mt. 1500m, 15.vi.2018 (right).





**Figs. 43, 44** - *Hipparchia parisatis*. Ağaçdibi 1300m, 7.vii.2018 (left). *Hyponephele wagneri*. Ağaçdibi 1300m., 7.vii.2018 (right).



**Figs. 45, 46** - *Melanargia syriaca* (worn). Ağaçdibi 1300m, 7.vii.2018 (left). *Pseudochazara pelopea*. Dez Valley 1300m, 17.vi.2018 (right).

## Moths (Figs. 47-133)

### Arctiidae

#### 136. *Andala semiramis* (Staudinger, 1892)

Synonymy: *semiramis* Staudinger, 1892; *brandti* Daniel, 1949

Range (as code): 13 24 30 56 65 73

#### 137. *Arctia (Epicallia) villica* (Linnaeus, 1758)

(Fig. 47)

Synonymy: *villica* Linnaeus, 1758; *corsica* Oberthür, 1911; *niceensis* Oberthür, 1911; *britannica* Oberthür, 1911; *meridionalis* Heinrich, 1923

Range (as code): 01 03 04 05 06 07 10 12 13 14 15 16 17 19 21 22 23 26 27 29 30 31 32 33 34 36 37 39 42 44 46 48 49 55 56 60 61 62 64 65 66 71 73 75 80

Remarks: The subspecies *marchandi* represents the Hakkari populations. The genetic distance between *marchandi* and *villica* varies from 0.2% to 1.4% (Kızıldağ *et al.*, 2019).

#### 138. *Callimorpha dominula* (Linnaeus, 1758)

Synonymy: *dominula* Linnaeus, 1758; *insubrica* Wackerzapp, 1890; *rhodanica* Kettlewell, 1943.

Range (as code): 04 08 14 16 25 30 36 39 41 43 73 75

#### 139. *Cymbalophora rivularis* (Ménétriés, 1832)

Synonymy: *rivularis* Ménétriés, 1832; *dannehli* Dannehl, 1929



Range (as code): 01 23 25 30 36 42 65 70

Remarks: This species was reported from Hakkari Province by the authors (Kemal & Koçak, 2018b).

**140. *Eilema (s.str.) caniolum* (Hübner, [1808])**

Synonymy: caniola Hübner, [1808]

Range (as code): 05 07 10 16 17 26 28 30 34 42 48 53 55 57 62 71

**141. *Euplagia splendidior* (Tams, 1922)**

Synonymy: splendidior Tams, 1922; tkatshukovi Sheljuzhko, 1935.

Range (as code): 13 30 36 56 62 65 73 76

**142. *Lacydes spectabilis* (Tauscher, 1806)**

Synonymy: spectabilis Tauscher, 1806; intercissa Freyer, 1842.

Range (as code): 01 03 06 13 23 24 25 26 30 38 42 46 50 51 56 58 65 68 70 71 73

**143. *Ocnogyna (s.str.) loewii* (Zeller, 1846)**

Synonymy: #löwii Zeller, 1846; loewii Zeller, 1846; clathrata Lederer, 1855; andresi Draudt, 1931.

Range (as code): 01 04 07 13 15 21 27 30 31 32 33 56 65 72 80

**144. *Paidia (Conjuncta) conjuncta* (Staudinger, 1892)**

Synonymy: conjuncta Staudinger, 1892

Range (as code): 04 08 23 24 25 30 47 58 63 73

**145. *Paidia (s.str.) rica* (Freyer, [1855]) (Fig.48)**

Synonymy: murina Hübner, 1790 (preocc.); rica Freyer, [1855]

Range (as code): 08 13 30 44 56 65 72 73

**146. *Phragmatobia placida* (Frivaldsky, 1835)**

Synonymy: placida Frivaldsky, 1835

Range (as code): 04 05 06 10 13 21 23 30 31 32 33 36 42 43 46 50 51 55 56 58 60 65 73

**147. *Rhyparia purpurata* (Linnaeus, 1758)**

Synonymy: purpurata Linnaeus, 1758; purpurea Linnaeus, 1767; uralensis Spuler, 1906; barteli Krulikowsky, 1909.

Range (as code): 05 06 08 16 29 30 33 34 36 39 56 60 65 73



**Figs. 47, 48** - *Arctia villica* ssp. *marchandi*. Sulphur Valley 1620m, 18.vi.2018 (left). *Paidia rica*. Ağaçdibi Çem 1220m. 17.vi.2018 early in the morning at 06:12 (right).

**148. *Tyria jacobaeae* (Linnaeus, 1758)**

Synonymy: jacobaeae Linnaeus, 1758; senecionis Godart, 1823; confluens Schultz, 1908.

Range (as code): 01 04 05 06 07 13 16 19 23 25 29 30 34 36 48 60 65 71

**149. *Utetheisa (s.str.) pulchella* (Linnaeus, 1758)**

Synonymy: pulchella Linnaeus, 1758; pulchra [Denis & Schiffermüller], 1775; thyter Butler, 1877; shyama Bhattacharjee & Gupta, 1969; menoni Bhattacharjee & Gupta, 1969.

Range (as code): 01 05 07 13 16 21 30 31 33 36 44 46 47 48 56 58 63 65 72 73 80

**Brahmaeidae****150. *Brahmaea (s.str.) ledereri* Rogenhofer, 1873**

Synonymy: ledereri Rogenhofer, 1873; zaba De Freina, 1982

Range (as code): 07 23 24 30 31 33 46 62 65 73 80

**Choreutidae****151. *Choreutis muhabbet* Koçak, 2008 (Fig.49)**

Synonymy: muhabbet Koçak, 2008

Range (as code): 13 30 65

Remarks: This species was reported and illustrated from Van Province by the authors (Kemal &amp; Koçak, 2018b).

**Cimeliidae****152. *Axia (Epicimelia) theresiae* (Korb, 1900) (Fig.50)**

Synonymy: theresiae Korb, 1900

Range (as code): 06 13 24 29 30 36 42 44 49 50 58 65 70 73 76

**Cosmopterygidae****153. *Tolliella fulguritella* (Ragonot, 1895)**

Synonymy: fulguritella Ragonot, 1895; copidobathra Meyrick, 1936

Range (as code): 21 30 31 46 63

Remarks: This species was reported and illustrated from Hakkari Province by the authors (Kemal &amp; Koçak, 2018b).

**Cossidae****154. *Azygophleps regia* (Staudinger, 1892)**

Synonymy: regia Staudinger, 1892; #regina Wiltshire, 1957

Range (as code): 01 08 12 13 21 30 33 56 65

**155. *Cossus cossus* (Linnaeus, 1758) (Fig.51)**

Synonymy: cossus Linnaeus, 1758; unguiculatus Fabricius, 1794; ligniperda Fabricius, 1794; balcanicus Lederer, 1863; stygianus Stichel, 1908; subnigra O.Schultz, 1911; aceris Greip, 1918; nigra Dietze, 1919

Range (as code): 01 05 06 12 13 14 16 17 19 23 25 30 36 42 44 46 49 53 55 56 58 60 61 62 65 70 73 76

**156. *Dyspessacossus fereidun* (Groum-Grshimailo, 1895)**

Synonymy: fereidun Groum-Grshimailo, 1895; firdusi Wagner, 1937.

Range (as code): 30 31 33 46 65 73 80

**157. *Isoceras bipunctatum* (Staudinger, 1887)**

Synonymy: bipunctatum Staudinger, 1887

Range (as code): 06 07 13 25 27 29 30 33 38 46 49 56 58 60 63 65 71 73

**158. *Semagystia enigma* Yakovlev, 2007**

Synonymy: enigma Yakovlev, 2007

Range (as code): 30



**Figs. 49, 50** - *Choreutis muhabbet*. Ağaçdibi 1300m. heliophil & nocturnal. 15.vi.2018 (left). *Axia theresiae*. Sulphur Valley 1620m, 18.v.2018 (right).

## Ctenuchidae

### 159. *Amata hakkariana* (De Freina, 1982)

(Fig.52)

Synonymy: hakkariana De Freina, 1982

Range (as code): 30 65 73

Remarks: This species was previously reported and illustrated from Hakkari by the authors (Koçak & Kemal, 2015: fig.63).

### 160. *Dysauxes (s.str.) famula* (Freyer, 1836)

Synonymy: famula Freyer, 1836; hyalina Freyer, 1845; ragusaria Zickert, 1904; herthina Stauder, 1921; burgeffi Draudt, 1931; taurica Draudt, 1931; pseudoservula Naufock, 1933; pontica Friese, 1959; sofiata De Laever, 1983; lucana De Laever, 1983.

Range (as code): 01 04 06 07 08 10 11 12 13 14 16 17 21 23 25 30 31 33 34 36 38 42 44 45 46 50 56 59 60 65 71 72 73 76



**Figs. 51, 52** - *Cossus cossus*. Ağaçdibi 1300m, 16.vi.2018 (left). *Amata hakkariana*. Sümbül Mt., diurnal, 15.vi.2018 (right).

## Drepanidae

### 161. *Cilix asiatica* A. Bang-Haas, 1907

(Fig.53)

Synonymy: asiatica A. Bang-Haas, 1907; depalpata Strand, 1913

Range (as code): 05 06 07 10 12 13 17 21 30 31 33 36 42 44 45 46 47 49 50 56 58 60 65 71 73

### 162. *Watsonalla binaria* (Hufnagel, 1767)

Synonymy: binaria Hufnagel, 1767; falcata Fabricius, 1775; falcularia De Villers, 1789; falcatalis Haworth, 1802; uncula Hübner, [1802]

Range (as code): 01 02 05 06 08 10 12 13 14 16 21 30 31 33 42 46 49 50 53 56 62 65 71 73 75

## Ethmiidae

### 163. *Ethmia bipunctella* (Fabricius, 1775)

Synonymy: bipunctella Fabricius, 1775; echiella [Denis & Schiffermüller], 1775; hohenwartiella Rossi, 1790; griseicostella Wiltshire, 1947; euphoria Kun, 2007

Range (as code): 04 05 06 16 20 30 35 36 42 46 56 58 60 65 71 72 76

### 164. *Ethmia candidella* (Alpheraky, 1908)

Synonymy: candidella Alpheraky, 1908; orientella Caradja, 1931.

Range (as code): 13 16 21 30 36 42 46 65 71 73

### 165. *Ethmia caradjae* (Rebel, 1907)

Synonymy: caradjae Rebel, 1907; chosroes Wiltshire, 1947

Range (as code): 02 05 30 46 56 65

### 166. *Ethmia hakkarica* Koçak, 1986

Synonymy: hakkarica Koçak, 1986

Range (as code): 30 56 65

### 167. *Ethmia tripunctella* (Staudinger, 1879)

(Fig. 54)

Synonymy: tripunctella Staudinger, 1879

Range (as code): 02 05 30 44 46 65 71 73

Remarks: The species was described by Staudinger from Amasia (North Turkey). The subspecies *rayatella* was described by Amsel in 1959 from Haj Omran (N. Iraq). It is characterized by the orange colouration of the dorsal side of the head. The Hakkari populations belong to ssp. *rayatella* Amsel.



**Figs. 53, 54** - *Cilix asiatica*. Sulphur Valley 1620m, 18.vi.2018 (left). *Ethmia tripunctella* ssp. *rayatella*. From same place and date (right).

## Gelechiidae

### 168. *Harpagidia magnetella* (Staudinger, [1871])

(Fig. 55)

Synonymy: magnetella Staudinger, [1871]; pallidibasella Ragonot, 1895; melitophanes Meyrick, 1931

Range (as code): 16 23 30 31 45 46 56 63 65

### 169. *Nothris gregersenii* Karsholt & Sumpich, 2015

Synonymy: gregersenii Karsholt & Sumpich, 2015

Range (as code): 01 04 13 24 25 29 30 33 36 38 65





**Figs. 55, 56** - *Harpagidia magnetella*. Sulphur Valley 1620m, 8.vii.2018 (left). *Aplocera obsitaria*. From same place, 18.v.2018 (right).

## Geometridae

### 170. *Aplocera obsitaria* (Lederer, 1853) (Fig. 56)

Synonymy: *obsitaria* Lederer, 1853; *pseudopallidata* Bytinski-Salz & Brandt, 1937

Range (as code): 01 04 05 21 25 30 42 44 46 47 58 62 65 76

### 171. *Aplocera plagiata* (Linnaeus, 1758)

Synonymy: *plagiata* Linnaeus, 1758; *duplicata* Fabricius, 1775; *terlineata* Goeze, 1781; *triplicata* Geoffroy, 1785; *plagiaria* Boisduval, 1840; *cypria* L.B. Prout, 1937; *scotica* Richardson, 1952

Range (as code): 01 05 06 13 14 16 17 18 22 23 24 29 30 31 33 34 35 38 39 42 44 45 46 56 58 60 61 62 65 71 75 80 81

### 172. *Biston achyrus* Wehrli, 1936

Synonymy: *achyra* Wehrli, 1936; *engonia* Wehrli, 1941

Range (as code): 21 30 46 56

Remarks: This species was reported from Hakkari Province by the authors (Kemal & Koçak, 2018b).

### 173. *Camptogramma bilineatum* (Linnaeus, 1758)

Synonymy: *bilineata* Linnaeus, 1758; *brocatella* Fourcroy, 1785; *dumetata* Schrank, 1802; *bilineararia* Boisduval, 1840; *musauria* Freyer, 1846; *testaceolata* Staudinger, 1871

Range (as code): 01 02 04 05 06 10 13 14 16 17 18 21 22 23 28 30 31 33 34 35 36 38 39 42 44 45 46 48 52 56 57 59 60 65 72 73 75 80

### 174. *Cataclysmes subtilisparsata* Wehrli, 1932

Synonymy: *subtilisparsata* Wehrli, 1932; *elbursica* Wagner, 1937

Range (as code): 02 13 23 30 44 46 56 65 73

### 175. *Catarhoe semnana* Wiltshire, 1970 (Fig. 57)

Synonymy: *seemnana* Wiltshire, 1970

Range (as code): 04 13 30 65

Remarks: Distributional information on this species in Turkey was published by the authors (Kemal *et al.*, 2020c).

### 176. *Charissa (Euchrognophos) dubitaria* (Staudinger, 1892)

Synonymy: *dubitaria* Staudinger, 1892

Range (as code): 13 23 30 33 38 47 56 65 72

Remarks: This species was reported from Hakkari Province by the authors (Kemal & Koçak, 2018b).

### 177. *Charissa (Kemtrognophos) onustaria* (Herrich-Schäffer, [1852])

Synonymy: *onustaria* Herrich-Schäffer, [1852]; *oneraria* Guenée, [1858]

Range (as code): 05 07 13 14 16 23 30 31 33 44 46 52 56 61 65 67 72 73



Remarks: This species was reported from Hakkari Province by the authors (Kemal & Koçak, 2018b).

**178. *Chesistege korbi* (Bohatsch, 1910)**

Synonymy: *korbi* Bohatsch, 1910

Range (as code): 06 13 23 24 30 31 46 56 58 65 71 76

Remarks: This species was reported from Hakkari Province by the authors (Kemal & Koçak, 2018b).

**179. *Coenotephria ablutaria* (Boisduval, 1840)**

Synonymy: *ablutaria* Boisduval, 1840; *probaria* Herrich-Schäffer, 1852; *ruficinctaria* Guenée, [1858]; *ochrearia* Staudinger, 1901

Range (as code): 01 05 16 17 27 29 30 31 33 34 35 36 42 46 48 56 65

Remarks: This species was reported from Hakkari Province by the authors (Kemal & Koçak, 2018b).

**180. *Crocallis (s.str.) loebeli* Stadie & Fiebig, 2014**

Synonymy: *loebeli* Stadie & Fiebig, 2014

Range (as code): 02 07 13 30 38 44 50 58 62 65 70

Remarks: This species was reported from Hakkari Province by the authors (Kemal & Koçak, 2018b).

**181. *Crocallis (s.str.) rothei* Stadie & Fiebig, 2014**

Synonymy: *rothei* Stadie & Fiebig, 2014

Range (as code): 04 30 65

**182. *Dasycorsa modesta* (Staudinger, 1879)**

Synonymy: *modesta* Staudinger, 1879

Range (as code): 01 05 06 14 17 21 22 23 30 31 33 34 39 42 44 46 48 49 56 59 65 71 73

**183. *Docirava mundata* (Staudinger, 1892)**

Synonymy: *mundata* Staudinger, 1892

Range (as code): 01 05 13 23 30 33 38 42 44 46 56 58 65 66

**184. *Drepanopterula limaria* (Christoph, 1885)**

Synonymy: *limaria* Christoph, 1885

Range (as code): 30 56 65

Remarks: This species was reported from Hakkari Province by the authors (Kemal & Koçak, 2018b).

**185. *Ellicrinia cordiaria* (Hübner, 1790)**

Synonymy: *cordiaria* Hübner, 1790

Range (as code): 01 02 05 06 09 13 14 16 18 22 23 24 30 36 38 42 44 45 46 51 56 58 59 61 65 71 73 76

**186. *Ennomos (Deuteronomos) fraxineti* Wiltshire, 1947 (Fig. 58)**

Synonymy: *effractarius* sensu Wehrli, 1934; *fuscantaria* sensu Wiltshire, 1946; *fraxineti* Wiltshire, 1947

Range (as code): 13 30 42? 44? 56 65 80



**Figs. 57, 58** - *Catarhoe semnana*. Sulphur Valley 1620m, 18.vi.2018 (left). *Ennomos fraxineti*. From same place, 8.vii.2018 (right).

**187. *Eumera hoeferi* Wehrli, 1934**

Synonymy: #höferi Wehrli, 1934; hoeferi Wehrli, 1934; #hoferi Wiltshire, 1937.

Range (as code): 13 23 30 38 44 56 72 73

Remarks: This species was reported from Hakkari Province by the authors (Kemal & Koçak, 2018b).

**188. *Eupithecia breviculata* (Donzel, 1837)**

**(Fig. 59)**

Synonymy: breviculata Donzel, 1837; anatolica Schwingenschuss, 1939 [ssp.]; georgica Vojnits, 1977 [ssp.]

Range (as code): 01 02 05 06 10 14 16 17 21 23 30 31 35 36 39 42 46 56 65 71 72 80

**189. *Eupithecia convallata* Brandt, 1938**

Synonymy: convallata Brandt, 1938; terricolor Vojnits, 1988

Range (as code): 30

**190. *Eupithecia gratiosata* Herrich-Schäffer, 1861**

**(Fig. 60)**

Synonymy: gratiosata Herrich-Schäffer, 1861; subseparata Christoph, 1885

Range (as code): 16 25 30 31 45 56 58 65



**Figs. 59, 60** - *Eupithecia breviculata*. Sulphur Valley 1620m, 18.vi.2018 (left). *Eupithecia gratiosata*. From same place, 19.v.2018 (right).

**191. *Eupithecia gueneata* Millière, 1862**

Synonymy: gueneata Millière, 1862; busambraria Ragusa, 1889

Range (as code): 04 23 30 65

**192. *Eupithecia scalptata* Christoph, 1885**

Synonymy: scalptata Christoph, 1885

Range (as code): 04 06 30 42

**193. *Gnopharmia colchidaria* (Lederer, 1870)**

Synonymy: colchidaria Lederer, 1870; melanotaenia Wehrli, 1938

Range (as code): 13 21 23 27 30 31 46 56

**194. *Gnopharmia irakensis* Wehrli, 1938**

Synonymy: irakensis Wehrli, 1938

Range (as code): 02 13 23 30 44 47 56 63 65

**195. *Gnophos (Dicrognophos) gorgatus* Brandt, 1938**

Synonymy: gorgata Brandt, 1938

Range (as code): 30 65

**196. *Gnophos (Dicrognophos) pseudosnelleni* Rjabov, 1964**

Synonymy: pseudosnelleni Rjabov, 1964

Range (as code): 13 23 30 56 62 65 72

**197. *Gnophos (Dicrognophos) sartatus* Treitschke, 1827**

Synonymy: sartata Treitschke, 1827; syriaca Thierry-Mieg, 1916.

Range (as code): 02 05 06 14 16 17 20 21 23 27 30 31 33 34 35 42 45 46 56 65 73 80

Remarks: This species was reported from Hakkari Province by the authors (Kemal &amp; Koçak, 2018b).

**198. *Godonela aestimaria* (Hübner, [1809])**

Synonymy: aestimaria Hübner, [1809]; contemptata Guenée, [1858]; aestimata Herrich-Schäffer, 1861; tunesella Lucas, 1949.

Range (as code): 08 16 23 30 42 46 48 56 65 72 73

**199. *Heliomata glarearia* (Brahm, 1791)**

Synonymy: #glarearia [Denis &amp; Schiffermüller], 1775; glarearia Brahm, 1791.

Range (as code): 01 04 05 06 13 14 16 29 30 36 37 39 43 49 56 60 65 71 75 76

**200. *Holoterpna pruinosa* (Staudinger, 1898)**

Synonymy: pruinosa Staudinger, 1898

Range (as code): 14 30 35 65

**201. *Idaea consanguinaria* (Lederer, 1853)****(Fig. 61)**

Synonymy: consanguinaria Lederer, 1853; consanguinata Bellier, 1861; faillata Fuchs, 1901; turatii Sohn-Rethel, 1929

Range (as code): 05 07 16 17 30 31 33 34 35 38 42 44 46 56

**202. *Idaea degeneraria* (Hübner, [1799])**

Synonymy: degeneraria Hübner, [1799]; degenerata Treitschke, 1828; floridaria Turati, 1913

Range (as code): 01 02 05 06 07 13 14 16 17 21 22 27 30 31 33 34 36 39 42 46 48 52 56 58 60 61 65 71 72 73 75 76 80

**203. *Idaea deversaria* (Herrich-Schäffer, [1847])**

Synonymy: maritimaria Bruand, 1846; deversaria Herrich-Schäffer, [1847]; hyalinata Christoph, 1885

Range (as code): 05 06 07 14 16 23 29 30 31 33 34 39 42 61 80 81

**204. *Idaea proclivata* (Fuchs, 1902)**

Synonymy: proclivata Fuchs, 1902; osthelderi Wehrli, 1932

Range (as code): 25 30 46 56 65

**205. *Idaea rusticata* ([Denis & Schiffermüller], 1775)****(Fig. 62)**

Synonymy: rusticata [Denis &amp; Schiffermüller], 1775; mustelata Rambur, 1866.

Range (as code): 05 06 08 13 14 16 22 23 25 30 38 39 42 52 56 58 65 75



**Figs. 61, 62** – *Idaea consanguinaria*. Ağaçdibi 1300m, 16.vi.2018 (left). *Idaea rusticata*. Sulphur Valley 1620m, 8.vii.2018 (right).

**206. *Idaea trigeminata* (Haworth,[1809])**

Synonymy: *trigeminata* Haworth,[1809]; *reversata* Treitschke,1828; *reversaria* Duponchel,1830.

Range (as code): 01 05 07 13 14 16 17 23 30 31 33 34 46 52 61 65 80 81

**207. *Larentia clavaria* Haworth,[1809]**

Synonymy: *clavaria* Haworth,[1809]; *pallidata* Staudinger,1901

Range (as code): 14 23 30 31 46 56 65

Remarks: This species was reported from Hakkari Province by the authors (Kemal & Koçak, 2018b).

**208. *Lehmannodes guneyi* (Riemis,1992)**

Synonymy: *guneyi* Riemis,1992

Range (as code): 13 30 56 65

**209. *Lithostege farinata* (Hufnagel,1767)**

Synonymy: *farinata* Hufnagel,1767; *illibata* [Denis & Schiffermüller],1775; *nivearia* Hübner,[1799]; *albaria* Turton,1802; *bachmutensis* L.B.Prout,1938

Range (as code): 05 16 30 34 38 42 47 50 51 56 58 65

**210. *Lithostege witzenmanni* Standfuss,1892**

(Fig. 63)

Synonymy: *witzenmanni* Standfuss,1892

Range (as code): 30 36 47

Remarks: This species was reported from Hakkari Province by the authors (Kemal & Koçak, 2018b).



**Figs. 63, 64** – *Lithostege witzenmanni*. Sulphur Valley 1620m, 18.v.2018 (left). *Neognopharmia cataleucaria*. Sulphur Valley 1620m, 18.v.2018 (right).



**211. *Neognopharmia cataleucaria* (Staudinger, 1901)****(Fig. 64)**Synonymy: *cataleucaria* Staudinger, 1901

Range (as code): 30 47

**212. *Odontognophos zacharius* (Staudinger, 1879)**Synonymy: *zacharia* Staudinger, 1879

Range (as code): 01 05 14 26 30 31 42 46 51 65 71

Remarks: This species was reported from Hakkari Province by the authors (Kemal &amp; Koçak, 2018b).

**213. *Orthonama obstipata* (Fabricius, 1794)**Synonymy: *obstipata* Fabricius, 1794; *fluviata* Hübner, [1799]; *gemmata* Hübner, 1799; *albicinctata* Haworth, 1809; *angustata* Haworth, 1809; *quaerendaria* Costa, 1850; *baccata* Guenée, [1858]; *lapillata* Guenée, [1858]; *contrariata* Walker, 1862; *exagitata* Walker, 1862; *intrusata* Walker, 1862; *peracutata* Walker, 1862; *signataria* Walker, 1863; *obruptata* Walker, 1863; *pigrata* Walker, 1866; *plemyrata* R. Felder & Rogenhofer, 1875; *inconspicua* Warren, 1896; *brunneipennis* Hulst, 1896; *discata* Warren, 1905

Range (as code): 01 05 06 07 13 14 16 17 22 30 31 33 34 42 46 56 65 71 72 80

**214. *Peribatodes rhomboidarius* ([Denis & Schiffermüller], 1775)**Synonymy: *#rhomboidaria* [Denis & Schiffermüller], 1775; *inaequalis* Goeze, 1781; *gemmaria* Brahm, 1791; *ichnusaria* Ghiliani, 1852; *corsicaria* Schawerda, 1931; *saerdabensis* Wehrli, 1943

Range (as code): 01 05 08 13 14 15 16 17 22 23 30 31 33 34 36 37 42 44 45 46 48 52 56 57 58 59 60 61 65 77 81

**215. *Peribatodes umbrarius* (Hübner, [1809])**Synonymy: *umbraria* Hübner, [1809]; *vaucheri* Thierry-Mieg, 1916

Range (as code): 01 05 12 13 14 23 30 31 33 42 44 45 46 56 65 71

**216. *Phaselia serrularia* (Eversmann, 1847)****(Fig. 65)**Synonymy: *serrularia* Eversmann, 1847; *phaeoleucaria* Lederer, 1855.

Range (as code): 05 25 30 31 42 46 65

Remarks: This species was reported from Hakkari Province by the authors (Kemal &amp; Koçak, 2018b).

**217. *Protorhoe corollaria* (Herrich-Schäffer, [1848])**Synonymy: *corollaria* Herrich-Schäffer, [1848]; *noacki* Draudt, 1935.

Range (as code): 01 05 06 07 12 23 30 31 33 42 46 47 50 51 65 73

**218. *Protorhoe unicata* (Guenée, [1858])****(Fig. 66)**Synonymy: *unicata* Guenée, [1858]; *avetianae* Vardikyan, 1974

Range (as code): 01 02 05 06 07 13 14 17 18 19 20 21 25 27 30 33 38 42 45 50 56 65 68 70 71 72 73 80 81



**Figs. 65, 66** - *Neognopharmia cataleucaria*. Sulphur Valley 1620m, 18.v.2018 (left). *Phaselia serrularia*. From same place, 18.vi.2018 (right).

**219. *Pseudopanthera syriacata* (Guenée, 1858)**Synonymy: *syriacata* Guenée, 1858; *#syriacaria* Wiltshire, 1958

Range (as code): 01 02 13 21 30 31 33 44 46 47 56 65 73 80



**220. *Ramitia kufrana* E.Seven, 2016**

Synonymy: kufrana E.Seven, 2016

Range (as code): 23 30 56 65 73

Remarks: This species was reported from Hakkari Province by the authors (Kemal &amp; Koçak, 2018b).

**221. *Rhodometra sacraria* (Linnaeus, 1767)**

Synonymy: sacraria Linnaeus, 1767; labda Cramer, 1777; sacralis Thunberg, 1784; fulvaria Fabricius, 1794; sanguinaria Esper, 1801; minervae Gistel, 1856; labdaria Guenée, [1858];

Range (as code): 01 05 06 07 09 12 13 16 17 22 23 27 30 31 33 34 42 44 45 46 48 51 52 56 58 59 63 65 72 73

**222. *Rhodostrophia (Pydna) bahara* Brandt, 1938**

Synonymy: bahara Brandt, 1938

Range (as code): 12 13 23 24 30 38 46 58 65

**223. *Rhodostrophia (s.str.) discopunctata* Amsel, 1935**

Synonymy: tabidaria auct. nec Zell., 1847; discopunctata Amsel, 1935

Range (as code): 02 05 06 13 14 16 17 18 21 23 27 28 29 30 31 33 36 38 42 43 44 46 49 50 56 58 60 65 70 72 73 80 81

**224. *Rhodostrophia cuprinaria* (Christoph, 1876)**

Synonymy: cuprinaria Christoph, 1876; phaenicearia Hampson, 1907.

Range (as code): 13 30 36 56 65

**225. *Scopula decorata* ([Denis & Schiffermüller], 1775)**

Synonymy: decorata [Denis &amp; Schiffermüller], 1775; cinerata Fabricius, 1781; violata Thunberg, 1784; caerulata Gmelin, 1790; decoraria Hübner, [1799]; ornataria Esper, [1806]; armeniaca Thierry-Mieg, 1916

Range (as code): 03 04 05 06 13 14 16 23 27 29 30 38 39 42 43 44 45 46 51 58 60 61 65 71 76 80

**226. *Scopula immistaria* (Herrich-Schäffer, [1852])**

Synonymy: #elisabetharia Heydenreich, 1851; immistaria Herrich-Schäffer, [1852]

Range (as code): 04 06 08 13 23 24 25 30 44 46 47 56 58 65 72 76

**227. *Scopula marginepunctata* (Goeze, 1781)**

Synonymy: marginepunctata Goeze, 1781; conjugata Borkhausen, 1794; aniculosata Rambur, 1829; puellaria Boisduval, 1840; mutaria Heydenreich, 1851; promutata Guenée, [1858]; promutaria Morris, 1861; apertaria Walker, [1863]; madoniata Fuchs, 1901; pastوريا Joannis, 1891; #marginipunctata Rothschild, 1914; britonaria Oberthür, 1917; subatrata Wagner, 1919; #insubrica Vorbrodt, 1930

Range (as code): 01 02 05 06 13 14 16 17 21 22 23 24 30 33 34 35 38 39 42 44 46 52 56 58 59 60 61 65 71 72 76 80 81

**228. *Scopula ornata* (Scopoli, 1763) (Fig. 67)**

Synonymy: ornata Scopoli, 1763; institata Hufnagel, 1767; paludata Linnaeus, 1767; institata Rottemburg, 1777; interrupta Goeze, 1781; intersecta Fourcroy, 1785; ornataria Hübner, [1799]; paludalis Schrank, 1802

Range (as code): 01 05 06 07 09 11 13 14 16 17 18 22 23 29 30 33 34 39 44 52 59 61 65 73 76 77 81

**229. *Scopula transcaspica* L.B.Prout, 1935**

Synonymy: transcaspica L.B.Prout, 1935; #transcaspia Scoble, 1999

Range (as code): 04 23 24 29 30 56 58 63 65 71 72 73

**230. *Scotopteryx elbursica* (Bytinski-Salz & Brandt, 1937)**

Synonymy: elbursica Bytinski-Salz &amp; Brandt, 1937

Range (as code): 30 65

**231. *Stueningia wolfi* Hausmann, 1993**

Synonymy: wolfi Hausmann, 1993

Range (as code): 01 07 30 33 42 65 72

**232. *Thalera fimbrialis* (Scopoli, 1763) (Fig. 68)**

Synonymy: fimbrialis Scopoli, 1763; thymiararia Linnaeus, 1767; bupleuraria [Denis &amp; Schiffermüller], 1775; albaria Esper, [1801]; magnata Fuchs, 1903; obsoleta Skala, 1913; major Warnecke, 1930; ochracea Kolossow, 1936; approximata Lempke, 1949; tangens Lempke, 1949; fasciata Hartwig, 1951

Range (as code): 01 04 05 13 16 17 22 30 31 33 34 41 42 46 51 56 58 62 65 75 81

**233. *Thetidia crucigerata* (Christoph, 1887)****(Fig. 69)**Synonymy: *crucigerata* Christoph, 1887

Range (as code): 30 36 76



**Figs. 67, 68** – *Scopula ornata*. Dez Valley, 20.v.2018 (left). *Thaleria fimbrialis*. Sulphur Valley 1620m, 8.vii.2018 (right).



**Figs. 69, 70** - *Thetidia crucigerata*. Sulphur Valley. 8.vii.2018 (left). *Thetidia persica*. From same place, 18.v.2018 (right).

**234. *Thetidia persica* Hausmann, 1996****(Fig. 70)**Synonymy: *persica* Hausmann, 1996

Range (as code): 04 13 30 46 58 65

**235. *Wehrliola inexpectata* Kemal & Uçak, 2018**Synonymy: *inexpectata* Kemal & Uçak, 2018

Range (as code): 13 23 30

Remarks: This species was reported from Hakkari Province by the authors (Kemal &amp; Koçak, 2018b).

**236. *Xanthorhoe inconsiderata* (Staudinger, 1892)**Synonymy: *inconsiderata* Staudinger, 1892

Range (as code): 05 30 46 56 65

Remarks: This species was reported from Hakkari Province by the authors (Kemal &amp; Koçak, 2018b).

**Lasiocampidae****237. *Lasiocampa eversmanni* (Kindermann, 1843)**Synonymy: *eversmanni* Kindermann, 1843; *eversmanni* Freyer, 1844; *attrita* Stshetkin, 1960.

Range (as code): 01 04 06 07 13 19 21 23 25 30 36 44 46 50 56 58 62 63 65 70 71 72 73

**238. *Malacosoma castrensis* (Linnaeus,1758)**Synonymy: *castrensis* Linnaeus,1758; *ksiezopolskii* Sheljuzhko,1943

Range (as code): 02 04 05 06 12 13 14 16 23 24 25 30 33 35 36 38 42 44 53 56 58 60 65 71 76

**239. *Malacosoma neustrium* (Linnaeus,1758)**Synonymy: *neustria* Linnaeus,1758; *annularis* Fourcroy,1785; *unicolor* Cyrilli,1787; *bilineatus* Haworth,1803

Range (as code): 05 06 08 12 13 14 17 19 22 23 25 30 32 33 35 36 37 42 46 49 53 55 58 60 61 62 65 69 71 75

**240. *Phyllodesma (s.str.) tremulifolium* (Hübner,[1810]) (Fig.71)**Synonymy: *betulifolium* Ochsenheimer,1810 nec Esp.,1782; *tremulifolium* Hübner,[1810]; *danieli* De Lajonquière,1963; #*tremulifolium* De Freina,1999

Range (as code): 01 05 06 07 10 12 13 24 25 30 31 32 33 36 42 46 49 56 58 60 62 64 65 71

**241. *Trichiura (s.str.) sapor* Wiltshire,1946**Synonymy: *sapor* Wiltshire,1946

Range (as code): 21 30 44 56 72

Remarks: This species was reported from Hakkari Province by the authors (Kemal &amp; Koçak, 2018b).



**Figs. 71, 72 - *Phyllodesma tremulifolium*.** Sulphur Valley, 18.vi.2018 (left). *Euproctis melania*. From same place, 1620m, 8.vii.2018 (right).

**Limacodidae****242. *Parasa inexpectata* (Staudinger,[1896])**Synonymy: *inexpectata* Staudinger,[1896]

Range (as code): 12 13 30 31 56

**Lymantriidae****243. *Euproctis melania* (Staudinger,1892) (Fig.72)**Synonymy: *melania* Staudinger,1892; *melaniodes* Strand,1910; #*melaina* De Freina,1999.

Range (as code): 05 12 13 30 44 46 47 56 62 65 72

**244. *Euproctis similis* (Fuessly,1775)**Synonymy: *similis* Fuessly,1775; *auriflua* [Denis & Schiffermüller],1775; *cygnea* Thunberg,1788; *rebeli* Haberhauer,1902.

Range (as code): 05 12 16 25 30 45 53 76

**245. *Leucoma salicis* (Linnaeus,1758)**Synonymy: *salicis* Linnaeus,1758; *apparens* Retzius,1783; *salicinus* Haworth,1803; *xanthocampa* Dyar,1905; *coreacola* Matsumura,1933; *sjoquisti* Bryk,1942; *variabilis* Bryk,1949



Range (as code): 05 06 07 08 10 12 13 14 16 19 22 24 25 30 36 42 46 49 53 55 56 58 60 61 62 63 65 66 75

**246. *Leucoma wiltshirei* Collenette, 1938**

Synonymy: wiltshirei Collenette, 1938

Range (as code): 21 30 56 72

**247. *Lymantria (Porthetria) dispar* (Linnaeus, 1758) (Fig. 73)**

Synonymy: dispar Linnaeus, 1758; disparina Müller, 1802; disparoides Mabille, 1876; bordigalensis Mabille, 1876; asiatica Wnukowsky, 1926; andalusica Reinig, 1938; hokkaidoensis Goldschmidt, 1940; mediterraneae Goldschmidt, 1940; bocharae Goldschmidt, 1940; chosensis Goldschmidt, 1940; koreibia Bryk, [1948]; kolthoffi Bryk, [1948]

Range (as code): 06 07 10 11 12 13 17 19 23 25 30 31 33 36 46 48 49 50 56 62 65 67 71 76



**Figs. 73, 74 - *Lymantria dispar*.** Ağaçdibi 1375m, 17.vi.2018 (left). *Acontia titania*. Sulphur Valley 8.vii.2018 (right).

**248. *Ocnerogyia amanda* Staudinger, [1892]**

Synonymy: amanda Staudinger, [1892]

Range (as code): 13 30 47 56 65 72

**249. *Parocneria raddei* (Christoph, 1885)**

Synonymy: raddei Christoph, 1885

Range (as code): 30 47

**250. *Parocneria terebinthi* (Freyer, [1838])**

Synonymy: terebinthi Freyer, [1838]; unicolor Staudinger, [1895]

Range (as code): 01 02 05 06 07 08 16 30 33 42 46 47 60 65 80

**251. *Parocneria terebynthina* (Staudinger, [1895])**

Synonymy: terebynthina Staudinger, [1895]; insolita Brandt, 1938

Range (as code): 13 30 47 56 65

## Noctuidae

**252. *Acantholipes regularis* (Hübner, [1813])**

Synonymy: regularis Hübner, [1813]

Range (as code): 01 05 06 07 13 14 21 23 30 31 33 35 36 46 50 56 62 65 76

**253. *Acontia (Uracontia) titania* (Esper, [1798]) (Fig. 74)**

Synonymy: titania Esper, [1798]; urania Frivaldsky, 1835; eversmanni Kolenati, 1846.

Range (as code): 01 02 05 08 13 16 17 24 30 33 36 42 44 46 47 50 56 58 60 62 65 73

**254. *Acontia (s.str.) lucida* (Hufnagel, 1766)**

Synonymy: lucida Hufnagel, 1766; solaris [Denis & Schiffermüller], 1775; albicollis Fabricius, 1781; rupicola Borkhausen, 1792; insolatrix Hübner, [1822]; triradiata Walker, [1858]; lugens Alpheraky, 1889; heliodora Schawerda, 1923

Range (as code): 01 05 06 13 16 18 23 24 30 31 32 33 34 35 41 42 46 50 51 58 65 71 73 76

**255. *Acronicta (Triaena) aceris* (Linnaeus,1758)**

Synonymy: aceris Linnaeus,1758; infuscata Haworth,1809; paradoxa Boisduval,1829

Range (as code): 01 02 05 06 07 11 13 16 17 24 25 30 31 33 35 36 37 39 42 46 47 50 56 58 62 65 73 76

**256. *Acronicta (Triaena) pasiphae* Draudt,1936**

Synonymy: pasiphae Draudt,1936

Range (as code): 13 30 31 46 56 65

**257. *Acronicta (Triaena) psi* (Linnaeus,1758)**

Synonymy: psi Linnaeus,1758; perisi Calle,1974

Range (as code): 01 05 06 08 13 18 23 25 28 30 35 33 36 37 46 50 51 56 58 61 62 65 66 72 75 80

**258. *Acronicta (Viminia) auricoma* (Fabricius,1787)**

Synonymy: #auricoma [Denis &amp; Schiffermüller],1775; auricoma Fabricius,1787; lapathi Schrank,1801; similis Haworth,1809; pepli Hübner,[1813]; alpina Freyer,1858

Range (as code): 04 06 08 16 28 30 36 53 69

**259. *Acronicta (Viminia) rumicis* (Linnaeus,1758)**

Synonymy: rumicis Linnaeus,1758; litterata Panzer,1804; salicis Curtis,1826; diffusa Walker,1857

Range (as code): 01 03 05 06 07 08 14 16 21 25 26 30 31 33 37 42 45 46 50 51 55 56 58 62 63 65 66 67 72

**260. *Actinotia radiosa* (Esper,[1804])**

Synonymy: radiosa Esper,[1804]; lyncea Hübner,[1809] (praeocc.)

Range (as code): 05 13 18 25 30 36 60 67 75

**261. *Aedia leucomelas* (Linnaeus,1758)**

Synonymy: leucomelas Linnaeus,1758; ramburii Boisduval,1829; adepta Geyer,[1832]; olivascens Guenée,1852; acronyctoides Guenée,1852; limitaris Walker,[1863]; shisa Strand,1920; thomae A.E.Prout,1927; albodiscalis Roepke,1932; diluta Roepke,1941; ermanniae Berio,1989

Range (as code): 01 05 07 11 16 28 30 34 52 55 59

**262. *Aegle nubila* (Staudinger,1892)**

Synonymy: nubila Staudinger,1892

Range (as code): 21 23 30 47 57 63

**263. *Agrochola (Alpichola) lactiflora* (Draudt,1934)**

Synonymy: lactiflora Draudt,1934

Range (as code): 04 07 08 12 21 25 30 33 36 44 46 49 56 58 62 65 69 70 75

**264. *Agrochola (Anchoscelis) oropotamica* (Wiltshire,1941)**

Synonymy: oropotamica Wiltshire,1941; modesta Brandt,1941; thermopotamica Wiltshire,1941 [ssp.]; archar L.Ronkay, Varga &amp; Hreblay,1998 [ssp.]

Range (as code): 30

**265. *Agrotis (Crassagrotis) obesa* (Boisduval,1829)**

Synonymy: obesa Boisduval,1840

Range (as code): 01 03 04 06 08 13 18 20 23 25 26 30 36 44 46 50 56 58 62 63 65 71 72 73

Remarks: This species was reported from Hakkari Province by the authors (Kemal &amp; Koçak, 2018b).

**266. *Agrotis (s.str.) desertorum* Boisduval,1840**

Synonymy: desertorum Boisduval,1840; deserticola Eversmann,1842

Range (as code): 04 06 13 18 24 25 30 33 36 42 44 46 50 51 58 60 62 65 68 69 70 71

**267. *Agrotis (s.str.) ipsilon* (Hufnagel,1766)**

Synonymy: ipsilon Hufnagel,1766; suffusa [Denis &amp; Schiffermüller],1775; idonea Cramer,[1780]; spinula Esper,[1786]; spinifera De Villiers,1789.

Range (as code): 01 03 05 06 07 08 11 13 14 15 16 18 20 21 25 27 29 30 31 32 33 35 36 37 42 44 46 47 48 49 50 51 56 57 58 62 63 65 67 69 71 72 73 80

**268. *Agrotis (s.str.) segetum* ([Denis & Schiffermüller],1775)**

Synonymy: segetum [Denis & Schiffermüller],1775; sordida [Denis & Schiffermüller],1775; undulatus Goeze,1781 (praeocc.); nigricornis De Villers,1789; segetis Fabricius,1794; catenatus Haworth,1803; monileus Haworth,1803; pectinatus Haworth,1803; connexus Haworth,1803; subatratus Haworth,1803; nigricornutus Haworth,1803; praecox Hübner,[1808]; fervida Hübner,[1824]; affinis Stephens,1829; sicala Boisduval,1840; dimidia Zeller,1847; sicania Guenée,1852; marginalis Walker,1857; aversa Walker,1857; correctus Walker,1857; obliuosus Walker,1857; denticulosus Wallengren,1860; certificata Walker,1865; conspurcatus Walker,1865; repulsus Walker,1865; ingratus Butler,1878; pallidus Staudinger,1881; lassa Swinhoe,1886.

Range (as code): 01 05 06 07 11 13 14 15 16 18 21 24 25 27 30 31 32 33 35 36 37 38 42 44 46 49 50 51 56 57 58 60 62 63 65 67 71 72 73 80

**269. *Allophyes (Crassophyes) renalis* (Wiltshire,1941)**

Synonymy: renalis Wiltshire,1941; crassicornis Brandt,1941.

Range (as code): 30 56

Remarks: This species was reported from Hakkari Province by the authors (Kemal & Koçak, 2018b).

**270. *Ammoconia anonyma* Ronkay & Varga,1984**

Synonymy: anonyma Ronkay & Varga,1984

Range (as code): 25 30 65

**271. *Amphipyra (s.str.) livida* ([Denis & Schiffermüller],1775)**

Synonymy: livida [Denis & Schiffermüller],1775; scotophila Hübner,[1788]; cupreina Bryk,1949

Range (as code): 01 05 08 12 13 30 33 42 56 65 73

**272. *Amphipyra (s.str.) micans* Lederer,1857**

Synonymy: micans Lederer,1857; frivaldskyi Mocsary,1896

Range (as code): 01 05 06 08 13 24 25 30 31 33 36 42 46 51 56 58 62 65 66

**273. *Amphipyra (s.str.) stix* Herrich-Schäffer,[1850]**

Synonymy: stix Herrich-Schäffer,[1850]; #styx Staudinger,1879.

Range (as code): 01 05 06 08 12 13 15 25 30 32 33 36 41 42 50 56 62 65 73

**274. *Apamea (s.str.) maraschi* (Draudt,1934)**

Synonymy: maraschi Draudt,1934

Range (as code): 12 21 23 24 27 30 31 33 46 47 56 63 73

**275. *Apamea (s.str.) monoglypha* (Hufnagel,1766)**

Synonymy: polyodon Linnaeus,1761 nec Cl.,1759; monoglypha Hufnagel,1766.

Range (as code): 01 03 04 05 06 08 13 17 18 21 25 27 28 29 30 32 33 34 35 36 37 39 42 43 45 58 60 61 65 66 75

**276. *Apamea (s.str.) polyglypha* (Staudinger,1892)**

Synonymy: polyglypha Staudinger,1892

Range (as code): 08 13 24 27 30 46 49 53 56 63 65 72 73

**277. *Apamea (s.str.) syriaca* (Osthelder,1933)**

Synonymy: syriaca Osthelder,1933; #albida Osthelder,1933; tallosi Kovacs & Varga,1969.

Range (as code): 01 02 04 03 05 06 08 11 12 13 16 17 18 24 25 28 30 31 32 33 34 35 36 37 42 45 46 49 50 51 56 58 60 62 65 73 80

**278. *Atethmia ambusta* (Fabricius,1787)**

Synonymy: #ambusta [Denis & Schiffermüller],1775; ambusta Fabricius,1787; xerampelina Esper,1793; rufescens Turner,1942

Range (as code): 05 06 07 10 13 27 30 35 46

Remarks: This species was reported from Hakkari Province by the authors (Kemal & Koçak, 2018b).

**279. *Atethmia centrargo* (Haworth,[1809])**

Synonymy: centrargo Haworth,[1809].

Range (as code): 05 06 13 20 25 30 33 42 44 46 50 56 63 65



**280. *Autographa gamma* (Linnaeus, 1758)**Synonymy: *gamma* Linnaeus, 1758; *messmeri* Schädewald, 1992; *voelkeri* Schädewald, 1992.Range (as code): 01 03 04 05 06 07 08 10 13 14 16 17 18 19 21 24 25 26 28 30 31 32 33 35 37 38 39 42 43 44 47 48 49  
50 51 52 56 58 61 62 63 65 66 72 73 75 76 80**281. *Autophila (s.str.) libanotica* (Staudinger, 1901)**Synonymy: *libanotica* Staudinger, 1901; *osthelderi* Boursin, 1940; *libanopsis* Boursin, 1962.

Range (as code): 04 06 12 08 24 30 38 42 46 51 58 62 65 73

**282. *Behounekia freyeri* (Frivaldsky, 1835) (Fig. 75)**Synonymy: *freyeri* Frivaldsky, 1835; *linthea* Freyer, 1842; *orontii* Herrich-Schäffer, [1851]; *senescens* Eversmann, 1856; *#linthea* Lederer, 1870

Range (as code): 01 05 06 13 18 21 25 30 32 35 36 38 42 46 47 49 50 51 56 62 65 73

**283. *Bryomima defreina* Hacker, [1987]**Synonymy: *defreina* Hacker, [1987]

Range (as code): 30 47 56 65 73

**284. *Bryomima hakkariensis* De Freina & Hacker, 1985**Synonymy: *hakkariensis* De Freina & Hacker, 1985

Range (as code): 30 65 73

**285. *Bryophilopsis roederi* (Standfuss, 1892)**Synonymy: *roederi* Standfuss, 1892

Range (as code): 07 13 21 30 31 33 42 47 56 58 62 65 73

**286. *Calocucullia celsiae* (Herrich-Schäffer, 1850)**Synonymy: *celsiae* Herrich-Schäffer, [1850]

Range (as code): 06 14 30 31 73

**287. *Calophasia lunula* (Hufnagel, 1766)**Synonymy: *lunula* Hufnagel, 1766; *linariae* [Denis & Schiffermüller], 1775.

Range (as code): 01 04 05 06 08 13 14 18 24 25 30 33 36 42 49 50 51 56 58 65

**288. *Calymna communimacula* ([Denis & Schiffermüller], 1775) (Fig. 76)**Synonymy: *communimacula* [Denis & Schiffermüller], 1775

Range (as code): 06 17 30 32 42 44 46 47 50 51 56 58 65



**Figs. 75, 76** - *Behounekia freyeri*. Dez Valley 1300m, 20.v.2018 (left). *Calymna communimacula*. Ağaçdibi 1375m, 16.vi.2018 (right).

**289. *Caradrina (Boursinidrina) wiltshirei* (Boursin, 1936)**Synonymy: *wiltshirei* Boursin, 1936

Range (as code): 13 30

**290. *Caradrina (Eremodrina) gilva* (Donzel, 1837)**

Synonymy: *gilva* Donzel,1837; *molisana* Dannehl,1929

Range (as code): 04 05 06 08 12 13 24 25 29 30 38 42 46 51 58 65 73

**291. *Caradrina (Eremodrina) pertinax* (Staudinger,1879)**

Synonymy: *pertinax* Staudinger,1879; *argentea* Caradja,1930.

Range (as code): 04 05 06 08 12 25 29 30 33 36 38 42 44 50 58 61 66 75

**292. *Caradrina (Eremodrina) salzi* (Boursin,1936)**

Synonymy: *salzi* Boursin,1936

Range (as code): 02 04 13 21 23 24 30 36 44 51 62 65 70

**293. *Caradrina (Paradrina) boursini* (F.Wagner,1936)**

Synonymy: *boursini* F.Wagner,1936

Range (as code): 13 25 30 65 73

**294. *Caradrina (Paradrina) clavipalpis* (Scopoli,1763)**

Synonymy: *clavipalpis* Scopoli,1763; *grisea* Hufnagel,1766; *quadripunctata* Fabricius,1775; *cubicularis* [Denis & Schiffermüller],1775; *leucoptera* Thunberg,1791; *milleri* Schultz,1862; *avicula* Krulikovsky,1909; *teidovolans* Pinker,1974; *pinkeri* Kobes,1975

Range (as code): 01 05 06 10 13 16 20 21 22 24 25 29 30 32 33 35 42 44 46 47 50 51 53 56 58 60 62 63 64 65 72

**295. *Caradrina (Paradrina) fulvafusca* Hacker,2004**

Synonymy: *fulvafusca* Hacker,2004; *#fulvofusca* Hacker,2004

Range (as code): 01 04 06 07 08 12 24 25 30 36 38 42 50 51 60 65 66 73

**296. *Caradrina (Paradrina) poecila* (Boursin,1939)**

Synonymy: *poecila* Boursin,1939

Range (as code): 01 04 08 12 24 25 30 32 38 49 50 58 60 65 69 73

**297. *Caradrina (Platyperigea) kadenii* (Freyer,1836)**

Synonymy: *kadenii* Freyer,1836

Range (as code): 01 10 18 22 30 33 44 56 58

**298. *Catocala (Ephesia) brandti* Hacker & Kautt,1999**

Synonymy: *brandti* Hacker & Kautt,1999

Range (as code): 12 13 25 30 47 56 63 73

**299. *Catocala (Ephesia) diversa* (Geyer,[1828])**

Synonymy: *diversa* Geyer,[1828]; *callinympha* Boisduval,[1828]; *#divera* Hacker,1988

Range (as code): 03 05 16 17 30 42 50 56 62

**300. *Catocala (Ephesia) nymphaea* (Esper,[1787])**

Synonymy: *nymphaea* Esper,[1787]; *vestalis* Geyer,[1835]; *conjux* Freyer,1850

Range (as code): 01 06 07 16 18 30 33 35 36 48 56 62 73

**301. *Catocala (Ephesia) wolffi* Hacker,1999**

Synonymy: *wolffi* Hacker,1999

Range (as code): 12 30 65

**302. *Catocala (s.str.) abacta* Staudinger,1900 (Fig. 77)**

Synonymy: *abacta* Staudinger,1900; *irana* Brandt,1938; *#iranica* Hacker,1986.

Range (as code): 01 02 07 12 13 21 23 24 30 42 44 46 47 48 56 62 65 70 72 73

**303. *Catocala (s.str.) elocata* (Esper,[1787])**

Synonymy: *elocata* Esper,[1787]; *marita* Hübner,[1813]; *nurus* Hübner,[1822]; *gitana* Mabille,1885

Range (as code): 01 08 13 16 17 18 21 30 33 38 46 48 50 51 56 58 60 62 63 65

**304. *Catocala (s.str.) lesbia* Christoph,1887**

Synonymy: *lesbia* Christoph,1887

Range (as code): 13 23 30 56 65 73

Remarks: This species was reported from Hakkari Province by the authors (Kemal & Koçak, 2018b).

**305. *Catocala (s.str.) neonympha* (Esper,[1805])**

Synonymy: neonympha Esper,[1805]

Range (as code): 05 13 16 19 23 30 36 42 44 56 58 60 62 65

**306. *Catocala (s.str.) nupta* (Linnaeus,1767)**

Synonymy: nupta Linnaeus,1767; concubina Hübner,[1803]

Range (as code): 12 13 16 21 30 33 38 39 46 48 51 56 59 62 65 73

**307. *Catocala (s.str.) nymphagoga* (Esper,[1787])**

Synonymy: nymphagoga Esper,[1787]; v-nigrum De Villers,1789; tmolia Lederer,1865; vallantini Oberthür,1894

Range (as code): 01 05 06 07 11 12 13 16 17 30 33 35 39 44 45 48 50 56 62 65 73

**308. *Chersotis (s.str.) laeta* (Rebel,1904)**

Synonymy: laeta Rebel,1904

Range (as code): 01 03 04 05 06 08 14 18 24 25 28 29 30 32 33 36 42 44 46 49 50 51 58 60 65 66 69 70 71

**309. *Chersotis (s.str.) margaritacea* (De Villers,1789)**

Synonymy: margaritacea De Villers,1789; i-intactum Hübner,[1803]; #abruzzensis Corti & Draudt,1933; espunensis Calle,1982

Range (as code): 01 06 08 13 14 16 18 25 30 33 36 42 46 50 56 58 61 65 70 72 75

Remarks: This species was reported from Hakkari Province by the authors (Kemal & Koçak, 2018b).

**310. *Chloantha hypericii* (Fabricius,1787)**

(Fig. 78)

Synonymy: #hyperici [Denis & Schifferrmüller],1775; hypericii Fabricius,1787

Range (as code): 01 04 05 06 07 08 12 13 14 15 16 17 18 24 25 28 30 31 32 33 35 36 42 44 46 47 50 51 56 58 60 61 62 65 69 73



**Figs. 77, 78 - *Catocala (s.str.) abacta*.** Ağaçdibi 1375m, 16.vi.2018 (left). *Chloantha hypericii*. Sulphur Valley 1620m, 18.v.2018 (right).

**311. *Cleonymia (Serryvania) opposita* (Lederer,1870)**

Synonymy: opposita Lederer,1870; #obscurior Osthelder,1933.

Range (as code): 01 02 05 06 13 18 21 24 25 27 30 32 33 36 42 44 46 47 49 50 51 56 58 60 62 63 65 72 73

**312. *Clytie (s.str.) syriaca* (Bugnion,1837)**

Synonymy: syriaca Bugnion,1837; gentilitia Freyer,1848.

Range (as code): 01 02 05 06 07 08 13 16 18 21 23 24 25 30 31 33 35 42 44 56 62 65 70 72

**313. *Clytie (s.str.) terrulenta* (Christoph,1893)**

Synonymy: terrulenta Christoph,1893

Range (as code): 13 30 46 56



- 314. *Colobochyla (Caspicastra) platyzona* (Lederer, 1870) (Fig. 79)**  
 Synonymy: platyzona Lederer, 1870; #platyzona Hacker, 1990.  
 Range (as code): 13 30 56 65 72
- 315. *Cornutiplusia circumflexa* (Linnaeus, 1767)**  
 Synonymy: circumflexa Linnaeus, 1767; lunata Fabricius, 1787; flexuosa Donovan, 1807; daubii Freyer, 1838; graphica Herrich-Schäffer, 1851; patefacta Walker, [1858]; reticulata Moore, 1882; clarescens Pinker & Bacallado, 1975; #unata Kononenko & Pinratana, 2005  
 Range (as code): 01 04 05 06 07 08 13 16 18 20 21 22 24 25 27 30 31 33 34 35 38 44 46 47 48 50 51 56 60 63 65 66 72 73 76 80
- 316. *Cosmia (Fibigerina) confinis* Herrich-Schäffer, [1849]**  
 Synonymy: confinis Herrich-Schäffer, [1849]; rhodopsis Boursin, 1962; phaiopsis Boursin, 1962.  
 Range (as code): 01 05 07 16 17 19 22 30 33 58 60
- 317. *Craniophora pontica* (Staudinger, 1879)**  
 Synonymy: pontica Staudinger, 1879  
 Range (as code): 05 06 08 13 18 24 30 44 46 51 56 62 72 73
- 318. *Cryphia (Bryoleuca) raptricula* ([Denis & Schiffermüller], 1775)**  
 Synonymy: raptricula [Denis & Schiffermüller], 1775; divisa Esper, [1791]; divisa Esper, 1791; palliola Borkhausen, 1792; pomula Borkhausen, 1792; deceptricula Hübner, [1803]; carbonis Freyer, 1849; oxybiensis Millière, 1875; #striata Staudinger, 1879; eretina Calberla, 1888; raptriculoides Turati, 1912; bryophiloides Rothschild, 1914; #persica Strand, 1915; cretica Reisser, 1962  
 Range (as code): 01 03 05 06 07 08 12 13 19 24 25 28 30 32 33 36 39 42 46 49 50 51 56 58 62 65 66 70 73
- 319. *Cryphia (Bryoleuca) tephrocharis* Boursin, 1954**  
 Synonymy: tephrocharis Boursin, 1954  
 Range (as code): 01 06 07 08 12 13 23 25 30 32 33 34 35 42 44 46 50 51 56 58 60 62 63 70
- 320. *Cryphia (Bryophila) maeonis* (Lederer, 1865)**  
 Synonymy: maeonis Lederer, 1865; praecana Christoph, 1893; rubellina Staudinger, 1900; sordida Staudinger, 1900; sabulosa W. Warren, 1909.  
 Range (as code): 01 04 05 06 08 13 16 18 24 25 27 30 35 36 42 44 45 46 50 51 56 58 60 61 62 65 66 68
- 321. *Cryphia (Bryophila) occidentalis* (Osthelder, 1933)**  
 Synonymy: occidentalis Osthelder, 1933  
 Range (as code): 13 30 46 56 58 65
- 322. *Cryphia (s.str.) receptricula* (Hübner, [1803])**  
 Synonymy: strigula Borkhausen, 1792 nec Thunb., 1788; receptricula Hübner, [1803]; stictica Ménétériés, 1859.  
 Range (as code): 05 06 08 12 13 16 23 30 46 50 56 60 62 65 66
- 323. *Cucullia (s.str.) argentina* (Fabricius, 1787) (Fig. 80)**  
 Synonymy: argentina Fabricius, 1787; grisescens F. Wagner, 1931 nec Lch., 1900; anatoliensis Koçak, 1980.  
 Range (as code): 04 05 06 13 14 25 27 30 36 38 42 50 58 65 71
- 324. *Deltote delicatula* (Christoph, 1882) (Fig. 81, 82)**  
 Synonymy: delicatula Christoph, 1882  
 Range (as code): 30 56  
 Remarks: Previously this species was reported from Siirt Prov. (Şirvan) in Turkey (Seven *et al.*, 2019).



**Figs. 79, 80** - *Colobochyla (Caspicastra) platyzona*. Sulphur Valley 1620m, 18.vi.2018 (left). *Cucullia argentina*. From same place and date (right).



**Figs. 81, 82** – *Deltote delicatula*: Ağaçdibi 1375m, 17.vi.2018 (left). Sulphur Valley 1620m, 8.vii.2018 (right).

**325. *Desertoplusia bella* (Christoph, 1887)**

Synonymy: *bella* Christoph, 1887

Range (as code): 04 12 25 30 49 50 65 73

**326. *Dichagyris (Albocosta) flammata* ([Denis & Schiffermüller], 1775)**

Synonymy: *flammata* [Denis & Schiffermüller], 1775; *bimaculata* Milliere, 1885.

Range (as code): 01 04 06 07 13 21 24 25 28 30 32 33 36 38 39 43 44 45 46 47 49 50 51 53 58 60 61 63 65 66 70 73

**327. *Dichagyris (Grisyigoga) candelisequa* ([Denis & Schiffermüller], 1775)**

Synonymy: *candelisequa* [Denis & Schiffermüller], 1775; *sagittifera* Hübner, [1813]; *piemonticola* Schwingenschuss, 1954; *zapateri* Schwingenschuss, 1962.

Range (as code): 01 04 05 06 12 13 16 23 25 30 32 33 36 38 40 42 44 46 50 51 56 58 61 62 63 65 73 76

**328. *Dichagyris (Yigoga) celsicola* (Bellier, 1858)**

Synonymy: *celsicola* Bellier, 1858; *gueddelanea* Oberthür, 1918

Range (as code): 04 08 12 13 23 25 30 36 46 50 56 58 65

**329. *Dichagyris (Yigoga) flavina* (Herrich-Schäffer, [1852])**

Synonymy: *flavina* Herrich-Schäffer, [1852]; *ochrina* Staudinger, 1898; *pretiosa* Caradja, 1931

Range (as code): 01 03 04 05 07 18 22 23 25 30 32 36 38 39 40 42 44 46 50 51 56 58 60 62 63 65 66 68 70

**330. *Dichagyris (Yigoga) gracilis* (F. Wagner, 1929) (Fig. 83)**

Synonymy: *gracilis* F. Wagner, 1929

Range (as code): 01 03 04 05 06 07 08 12 18 24 25 29 30 36 38 42 50 51 58 60 63 65 69

**331. *Dichagyris (Yigoga) nigrescens* (Hofner, 1888)**

Synonymy: *nigrescens* Höfner, 1888

Range (as code): 01 05 06 07 12 13 18 20 25 30 32 33 34 37 42 45 46 50 56 65 66 73

**332. *Dichagyris (Yigoga) romanovi* (Christoph, 1885)**

Synonymy: *romanovi* Christoph, 1885; *serraticornis* Staudinger, 1898; *#jura* Strand, 1915; *karsholti* Fibiger, 1990

Range (as code): 04 06 13 23 25 30 32 36 38 42 47 50 51 58 63 65 66 76

**333. *Dichagyris (Yigoga) signifera* ([Denis & Schiffermüller], 1775)**

Synonymy: *#signifera* [Denis & Schiffermüller], 1775

Range (as code): 01 03 05 06 07 08 12 13 14 24 25 30 32 33 36 42 43 46 49 50 51 56 58 65 66 70 73

**334. *Dichagyris (Yigoga) sincera* (De Freina & Hacker, 1985)**

Synonymy: *sincera* De Freina & Hacker, 1985

Range (as code): 04 08 12 13 23 25 30 36 46 49 50 58 65 73

**335. *Dichagyris (Yigoga) truculenta* (Lederer, 1853)**

Synonymy: *truculenta* Lederer, 1853

Range (as code): 01 04 13 25 30 38 46 50 51 58 62 65 69 70 73

**336. *Dichagyris (Yigoga) wiltshirei* (Boursin, 1936)**

Synonymy: *wiltshirei* Boursin, 1936; *#wiltshirei* Ebert & Hacker, 2002

Range (as code): 13 30 65 73

**337. *Dichagyris (s.str.) amoena* (Staudinger, 1892)**

Synonymy: *amoena* Staudinger, 1892; *flavida* Corti & Draudt, 1933.

Range (as code): 04 05 06 08 12 13 18 23 25 27 30 42 44 46 50 56 58 62 63 65 69 70 71 73

Remarks: This species was reported from Hakkari Province by the authors (Kemal & Koçak, 2018b).

**338. *Dichagyris (s.str.) anastasia* (Draudt, 1936)**

Synonymy: *anastasia* Draudt, 1936

Range (as code): 02 30 46 56 65 73

**339. *Dichagyris (s.str.) celebrata* (Alpheraky, 1897)**

Synonymy: *celebrata* Alpheraky, 1897; *persiaca* Kozhantshikov, 1929; *armeniaca* Kozhantshikov, 1930

Range (as code): 04 06 25 30 36 40 50 65 70

**340. *Dichagyris (s.str.) devota* (Christoph, 1884)**

Synonymy: *devota* Christoph, 1884; *turana* Staudinger, 1892

Range (as code): 30 56 65 73

**341. *Dichagyris (s.str.) elbursica* (Draudt, 1937)**

Synonymy: *elbursica* Draudt, 1937

Range (as code): 30 36 65

**342. *Dichagyris (s.str.) erubescens* (Staudinger, 1892) (Fig. 84)**

Synonymy: *erubescens* Staudinger, 1892

Range (as code): 01 02 06 07 13 24 25 27 30 33 42 44 46 47 50 51 56 58 63 65 72

**343. *Dichagyris (s.str.) fredii* (Brandt, 1938)**

Synonymy: *fredii* Brandt, 1938

Range (as code): 13 30 56 65 73

**344. *Dichagyris (s.str.) grisescens* Staudinger, 1879**

Synonymy: *grisescens* Staudinger, 1879; *fasciata* Vorbrodt, 1930; *euryloma* Corti, 1933

Range (as code): 30

**345. *Dichagyris (s.str.) leucomelas* Brandt, 1941**

Synonymy: *leucomelas* Brandt, 1941

Range (as code): 13 25 30 58 65





**Figs. 83, 84** – *Dichagyris* aff. *gracilis*. Agaçdibi 1375m, 16.vi.2018 (left). *Dichagyris erubescens*. Sulphur Valley 1620m, 18.v.2018 (right).

**346. *Dichagyris* (s.str.) *melanura* (Kollar, 1846)**

Synonymy: *melanura* Kollar, 1846

Range (as code): 01 04 05 06 08 13 24 25 29 30 33 40 42 44 46 50 51 56 58 62 65 68 70

**347. *Dichagyris* (s.str.) *singularis* (Staudinger, 1877)**

(Fig. 85)

Synonymy: *singularis* Staudinger, 1877

Range (as code): 13 30 44 51 56 63 65 72

Remarks: This species was reported from Hakkari Province by the authors (Kemal & Koçak, 2018b).

**348. *Dichagyris* (s.str.) *squalidior* (Staudinger, 1901)**

Synonymy: *squalidior* Staudinger, 1901; *albicollaris* Kozhantshikov, 1930

Range (as code): 01 03 08 12 23 25 30 36 42 44 46 50 56 58 65 75

**349. *Dichagyris* (s.str.) *squalorum* (Eversmann, 1856)**

Synonymy: *squalorum* Eversmann, 1856; *nigrolineata* Kozhantshikov, 1930

Range (as code): 01 02 04 12 13 23 24 25 30 36 44 50 51 58 65 69 76

**350. *Dichagyris* (s.str.) *terminicincta* (Corti & Draudt, 1933)**

Synonymy: *terminicincta* Corti & Draudt, 1933; *maraschi* Corti & Draudt, 1933.

Range (as code): 02 04 12 13 25 30 36 44 46 51 58 65 69

**351. *Dichagyris* (s.str.) *zeituna* (Staudinger, 1900)**

Synonymy: *zeituna* Staudinger, 1900; *seituna* Hampson, 1903

Range (as code): 07 30 46 58 63 68

**352. *Dicycla* oo (Linnaeus, 1758)**

(Fig. 86)

Synonymy: *oo* Linnaeus, 1758; *ferruginago* Hübner, [1803]; *renago* Haworth, 1809; *#sulphurea* Staudinger, 1901

Range (as code): 01 02 05 06 07 08 11 13 17 18 21 22 28 30 33 38 39 42 46 47 56 65

**353. *Diloba caeruleocephala* (Linnaeus, 1758)**

Synonymy: *caeruleocephala* Linnaeus, 1758; *#caeruleocephala* Linnaeus, 1761; *coeruleocephala* De Freina & Witt, 1987

Range (as code): 05 06 13 16 21 22 24 25 30 31 46 50 56 62 63 64 70

Remarks: Remarks: This species was reported from Hakkari Province by the authors (Kemal & Koçak, 2018b; Kemal, *et al.*, 2020a).

**354. *Drasteria cailino* (Lefèbvre, 1827)**

Synonymy: *cailino* Lefèbvre, 1827; *caylino* Lederer, 1857

Range (as code): 01 02 03 04 05 06 08 13 14 18 21 24 25 29 30 33 42 44 45 46 47 50 51 56 58 60 62 65 66 69 73



**Figs. 85, 86** - *Dichagyris singularis*. Sulphur Valley 1620m, 7.x.2018 (left). *Dicycla oo*. Ağaçdibi 1375m, 16.vi.2018 (right).

**355. *Drasteria caucasica* (Kolenati, 1846)**

Synonymy: *caucasica* Kolenati, 1846; *astrida* Eversmann, 1856; *aksuensis* Fuchs, 1903.

Range (as code): 13 21 23 24 25 30 36 42 44 50 51 58 65 73

**356. *Drasteria saisani* (Staudinger, 1882)**

(Fig. 87)

Synonymy: *saisani* Staudinger, 1882; *clara* Staudinger, 1895; *#zaisani* John, 1910.

Range (as code): 01 04 06 08 12 13 21 25 30 33 36 42 44 47 49 50 51 56 58 65 66 76

**357. *Dysgonia algira* (Linnaeus, 1767)**

(Fig. 88)

Synonymy: *algira* Linnaeus, 1767; *achatina* Sulzer, 1776; *alterna* De Villers, 1789; *triangularis* Hübner, [1803] nec Thunb., 1784; *albivitta* Guenée, 1852; *festina* Walker, 1858; *olympia* Swinhoe, 1885; *europa* Schawerda, 1912

Range (as code): 01 05 07 08 10 13 16 17 18 21 22 23 27 28 30 31 33 34 35 39 40 42 44 45 48 50 52 56 61 62 63 65 72 73

**358. *Dysgonia torrida* (Guenée, 1852)**

Synonymy: *torrida* Guenée, 1852; *albivitta* Guenée, 1852; *festina* Walker, 1858; *#zorrida* Hacker, [1987]

Range (as code): 01 07 20 21 23 27 30 31 33 35 50 56 72 73

**359. *Egira fatima* Hreblay, 1994**

Synonymy: *fatima* Hreblay, 1994

Range (as code): 02 13 23 30 33 46 63 73

**360. *Epilecta linogrisea* ([Denis & Schiffermüller], 1775)**

Synonymy: *linogrisea* [Denis & Schiffermüller], 1775; *lutosa* Staudinger, 1901.

Range (as code): 01 03 05 06 08 12 13 16 17 30 31 33 42 46 50 56 58 62 65

**361. *Episema korsakovi* (Christoph, 1885)**

(Fig. 89)

Synonymy: *korsakovi* Christoph, 1885; *paenulata* Christoph, 1885.

Range (as code): 01 06 08 10 13 14 17 21 23 30 33 36 42 44 45 46 50 51 56 58 65 72

**362. *Eremobia asiatica* Draudt, 1936**

(Fig. 90)

Synonymy: *asiatica* Draudt, 1936

Range (as code): 03 05 06 13 17 25 30 32 36 42 51 58 65

Remarks: *asiatica* Draudt is also considered as a subspecies of *Eremobia ochroleuca* [Denis & Schiff.]. Genetic distance between the related populations should be calculated.

**363. *Eublemma caelestis* (Brandt, 1938)**

Synonymy: *caelestis* Brandt, 1938

Range (as code): 13 23 30 44 58 65



**Figs. 87, 88** - *Drasteria saisani*. Sulphur Valley 1620m, 18.vi.2018 (left). *Dysgonia algira*. From same place and date (right).

**364. *Eublemma gratissimum* (Staudinger, 1892)**

**(Fig. 91)**

Synonymy: *albida* auct.; *gratissima* Staudinger, 1892; *infusca* Staudinger, 1892; *transmittens* Christoph, 1893; *peralba* Schawerda, 1923.

Range (as code): 01 05 07 08 13 17 23 24 25 30 31 40 44 46 47 50 56 58 62 65 73 76



**Figs. 89, 90** - *Episema korsakovi*. Sulphur Valley 1620m, 7.x.2018 (left). *Eremobia ? asiatica*. From same place, 18. vi. 2018 (right).

**365. *Eublemma hansa* (Herrich-Schäffer, [1851])**

Synonymy: *hansa* Herrich-Schäffer, [1851]; *maraschensis* Osthelder, 1933

Range (as code): 01 04 13 23 30 36 44 46 50 65 76

**366. *Eublemma minutatum* (Fabricius, 1794)**

**(Fig. 92)**

Synonymy: *minutata* Fabricius, 1794; *noctualis* Hübner, 1796; *paula* Hübner, [1809].

Range (as code): 08 13 18 24 25 30 36 42 44 46 47 50 56 58 60 65 76

**367. *Eublemma ostrinum* (Hübner, [1808])**

Synonymy: *ostrina* Hübner, [1808]; *carthami* Herrich-Schäffer, [1851]; *aestivalis* Guenée, 1852; *numida* Lucas, 1849; *thasia* Koutsaftikis, 1973.

Range (as code): 01 05 07 08 09 10 13 16 21 27 30 31 33 35 44 46 47 48 50 51 56 58 60 62 63 64 65 66 72

**368. *Eublemma parvum* (Hübner, [1808])**

Synonymy: *parva* Hübner, [1808]; *rubefacta* Mabille, 1869; *chalybea* Swinhoe, 1884; *nymphodora* Meyrick, 1902.

Range (as code): 01 05 07 08 13 16 25 30 31 33 44 46 47 48 50 56 58 63 65 80





**Figs. 91, 92** - *Eublemma gratissimum*. Sulphur Valley 1620m, 18.vi.2018 (left). *Eublemma minutatum*. From same place and date (right).

**369. *Eublemma polygrammum* (Duponchel, [1842])**

Synonymy: polygramma Duponchel, [1842]; argillacea Eversmann, 1844; nuda Christoph, 1862; violetta Staudinger, 1889.

Range (as code): 01 03 04 05 06 07 13 14 18 23 24 25 30 33 35 42 44 46 50 51 56 58 60 65 66 70 72 75 76

**370. *Eublemma stramineum* (Staudinger, 1892)**

Synonymy: straminea Staudinger, 1892

Range (as code): 01 04 13 23 30 36 44 46 50 58 62 65 72

**371. *Eublemma wagneri* (Herrich-Schäffer, 1851)**

Synonymy: wagneri Herrich-Schäffer, 1851

Range (as code): 01 04 08 13 23 24 25 29 30 36 40 42 44 46 47 50 58 60 65 66 69 75 76

**372. *Euchalcia dorsiflava* (Standfuss, 1892)**

Synonymy: dorsiflava Standfuss, 1892

Range (as code): 13 21 30 31 38 47 49 56 58 65 73

**373. *Euchalcia siderifera* (Eversmann, 1846)**

Synonymy: siderifera Eversmann, 1846

Range (as code): 04 13 25 29 30 46 56 65 73

**374. *Euchalcia viridis* (Staudinger, 1901)**

Synonymy: viridis Staudinger, 1901

Range (as code): 01 04 06 12 13 24 25 30 36 42 49 58 65 69 70 75

**375. *Eugnorisma (Metagnorisma) enargiaris* (Draudt, 1936)**

Synonymy: enargiaris Draudt, 1936

Range (as code): 01 04 12 30 44 46 49 50 56 58

Remarks: This species was reported from Hakkari Province by the authors (Kemal & Koçak, 2018b).

**376. *Eugnorisma (Metagnorisma) pontica* (Staudinger, 1892) (Fig. 93)**

Synonymy: pontica Staudinger, 1892

Range (as code): 05 06 08 12 13 14 18 23 25 30 33 42 49 50 51 56 62 65 66

**377. *Eugnorisma (s.str.) insignata* (Lederer, 1853)**

Synonymy: insignata Lederer, 1853; intermedia Eversmann, 1855; leuconeura Hampson, 1918; fuliginosa Draudt, 1936; columbina Draudt, 1936

Range (as code): 01 03 06 12 25 30 36 42 46 50 56 58 65 70 73



**Figs. 93, 94** – *Eugnorisma pontica*. Ağaçdibi 1375m, 6.x.2018 (left). *Eugnorisma kurdistanica*. Sulphur Valley 1620m, 7.x.2018 (right).

**378. *Eugnorisma (s.str.) kurdistanica* Hacker, Kuhna & Gross, [1987] (Fig. 94)**

Synonymy: #kurdistanica Hacker & Weigert, 1986; kurdistanica Hacker, Kuhna & Gross, [1987]

Range (as code): 12 13 30 49 56 65

Remarks: This species is common in East Turkey, especially at Bahçesaray (Van Province) (Kemal & Koçak, 2016).

**379. *Eugnorisma (s.str.) semiramis* (Boursin, 1940)**

Synonymy: semiramis Boursin, 1940

Range (as code): 30 73

**380. *Eulocastra diaphora* (Staudinger, 1879) (Fig. 95)**

Synonymy: diaphora Staudinger, 1879; triangularis W. Warren, 1888; atribasalis Hampson, 1896; laticincta Staudinger, 1898.

Range (as code): 04 05 06 08 09 13 18 24 25 30 33 36 42 44 47 50 51 58 65 69 70 73 76

**381. *Eutelia adoratrix* (Staudinger, 1892) (Fig. 96)**

Synonymy: adoratrix Staudinger, 1892

Range (as code): 05 06 08 17 18 20 21 30 31 33 56 60 65

**382. *Eutelia adulatrix* (Hübner, [1813]) (Fig. 97)**

Synonymy: adulatrix Hübner, [1813]

Range (as code): 01 05 06 07 08 10 13 14 16 17 18 21 24 25 27 30 31 32 33 35 42 46 50 55 56 58 65 80



**Figs. 95, 96** - *Eulocastra diaphora*. Dez valley 1400m, 20.v.2018 (left). *Eutelia adoratrix*. Ağaçdibi 1375m, 7.vii.2018 (right).

**383. *Euxoa (Orosagrotis) foeda* (Lederer, 1855)**

Synonymy: foeda Lederer, 1855; enitens Corti, 1926; marmorosa Corti, 1927; vanensis Draudt, 1937.

Range (as code): 01 04 06 08 12 13 18 23 25 30 36 42 46 50 51 56 62 63 65 70 73 75

**384. *Euxoa (s.str.) birivia* ([Denis & Schiffermüller], 1775)**

Synonymy: birivia [Denis &amp; Schiffermüller], 1775; honnoratina Donzel, 1837; cuprina Staudinger, 1900; sudetica Skala, 1929; caucasica Spuler, 1908; flavesignata Corti, 1932.

Range (as code): 04 06 08 18 24 25 28 30 36 44 46 53 58 65 75

**385. *Euxoa (s.str.) distinguenda* (Lederer, 1857)**

Synonymy: distinguenda Lederer, 1857.

Range (as code): 01 04 06 08 13 14 18 23 25 30 36 42 46 50 56 58 60 62 65 70 71 73

**386. *Euxoa (s.str.) heringi* (Christoph, 1877)**

Synonymy: heringi Christoph, 1877; marcens Christoph, 1893; signata Staudinger, 1900; achyricola Corti, 1931.

Range (as code): 04 06 13 24 25 30 40 42 46 50 51 58 60 65 68 70 76

**387. *Euxoa (s.str.) robiginosa* (Staudinger, [1895])**

Synonymy: robiginosa Staudinger, [1895]; terminalis Rothschild, 1921; pseudoobelisca Corti, 1932; intensior Draudt, 1936; vinirufa Draudt, 1936.

Range (as code): 01 06 13 14 23 30 42 44 46 49 50 56 58 63

**388. *Euxoa (s.str.) scurrilis* Draudt, 1937**

Synonymy: scurrilis Draudt, 1937

Range (as code): 01 12 13 24 25 30 36 42 50 51 58 65

**389. *Exophyla rectangularis* (Geyer, [1828])**

Synonymy: rectangularis Geyer, [1828]; #rectangularis Lehmann, Hacker et al., 1998

Range (as code): 05 07 13 21 29 30 31 42 56 65

**390. *Hadena (Anepia) musculina* (Staudinger, 1892)**

Synonymy: musculina Staudinger, 1892; mayeri F. Wagner, 1931

Range (as code): 02 04 12 25 30 36 42 44 46 50 51 58 60 65 70 73

**391. *Hadena (Anepia) syriaca* (Osthelder, 1933)**

Synonymy: syriaca Osthelder, 1933; osthelderi Draudt, 1933.

Range (as code): 01 02 04 05 06 08 14 18 24 25 27 30 32 36 42 44 46 47 50 51 58 60 65 66 73

**392. *Hadena (Anepia) wolffi* Hacker, 1992**

Synonymy: wolffi Hacker, 1992

Range (as code): 30 65 73

**393. *Hadena (Enterpia) laudeti* (Boisduval, 1840)**

Synonymy: laudeti Boisduval, 1840; cretacea Eversmann, 1847; loudeti Spuler, 1907

Range (as code): 01 02 04 05 13 30 33 35 36 42 44 46 47 50 51 58 60 63 65 70 75

**394. *Hadena (Enterpia) roseocandida* (Hacker, 1996)**

Synonymy: roseocandida Hacker, 1996

Range (as code): 01 04 06 12 13 22 23 25 30 36 42 46 50 56 58 65 70

**395. *Hadena (Pinkericola) tephroleuca* (Boisduval, 1833)**

Synonymy: tephroleuca Boisduval, 1833

Range (as code): 04 06 13 14 18 20 24 25 28 30 32 33 36 38 42 46 48 49 50 51 58 60 65 66 75

**396. *Hadena (s.str.) albimacula* (Borkhausen, 1792)**

Synonymy: albimacula Borkhausen, 1792; concinna Hübner, [1803]; conserta Hübner, [1820].

Range (as code): 04 05 06 08 13 18 24 25 28 30 31 33 42 50 51 58 65 66 69 70 75

**397. *Hadena (s.str.) cavalla* Pinker, 1980**

Synonymy: cavalla Pinker, 1980

Range (as code): 04 24 25 30 46 49 50 58 60 65 73



**398. *Hadena (s.str.) fibigeri* Hacker, 1996**

Synonymy: fibigeri Hacker, 1996

Range (as code): 04 08 13 24 25 30 38 50 51 58 65 69

**399. *Hadena (s.str.) gueneei* (Staudinger, 1901)**

Synonymy: gueneei Staudinger, 1901; guenei Hampson, 1905

Range (as code): 01 02 03 04 06 08 12 13 16 18 24 25 30 31 33 36 42 46 47 50 56 58 65 66 71 80

**400. *Hadena (s.str.) magnolii* (Boisduval, 1828)**

Synonymy: magnolii Boisduval, 1828; nummosa Eversmann, 1844.

Range (as code): 01 02 04 05 06 09 13 14 18 21 24 25 29 30 32 33 36 42 44 46 47 49 50 51 56 58 65 66

**401. *Hadena (s.str.) melanochoa* (Staudinger, 1892)**

Synonymy: melanochoa Staudinger, 1892

Range (as code): 01 04 05 06 08 18 24 25 28 30 36 38 42 46 50 51 58 60 65 69 75

**402. *Hadena (s.str.) pfeifferi* (Draudt, 1934)**

Synonymy: pfeifferi Draudt, 1934

Range (as code): 25 29 30 65 73

**Figs. 97, 98 - *Eutelia adalatrix*. Ağaçdibi 1375m, 16.vi.2018 (left). *Hecatera bicolorata*. Sümbül Mt., 19.v.2018 (right).****403. *Hadena (s.str.) staudingeri* (F. Wagner, 1931)**

Synonymy: staudingeri F. Wagner, 1931

Range (as code): 06 08 13 18 24 25 30 36 40 42 49 50 51 56 58 60 65 66

**404. *Hadula (Calocesta) mendica* (Staudinger, [1895])**

Synonymy: mendica Staudinger, [1895]

Range (as code): 01 02 04 07 13 21 23 24 30 32 33 36 42 44 46 47 49 51 56 58 60 63 65 70 73

**405. *Haemerosia renalis* (Hübner, [1813])**

Synonymy: renalis Hübner, [1813]

Range (as code): 01 05 06 09 12 13 15 16 25 30 32 33 36 40 42 46 47 50 56 62 65 66 72 73

**406. *Hecatera bicolorata* (Hufnagel, 1766)****(Fig. 98)**

Synonymy: bicolorata Hufnagel, 1766; serena [Denis &amp; Schiffermüller], 1775; placida Esper, [1791]; hieracii Bkh., 1793; par Donovan, 1801; monticola Dup., 1826; leuconota Eversmann, 1837; intermedia Walker, [1858]; obscura Staudinger, 1861.

Range (as code): 01 02 04 05 06 07 08 13 14 18 21 24 25 28 29 30 33 36 46 49 50 51 53 55 58 60 63 65 66 72 75

**407. *Hecatera rhodocharis* (Brandt, 1938)**

Synonymy: rhodocharis Brandt, 1938

Range (as code): 12 13 20 24 25 30 31 32 33 36 38 42 44 46 49 50 58 65 70

**408. *Helicoverpa armigera* (Hübner, [1808])**

Synonymy: *obsoleta* auct. nec Fabr., 1775; *barbara* Fabricius, 1794 [rejected]; *armigera* Hübner, [1808]; *pulverosa* Walker, [1857]; *uniformis* Wallengren, 1860; *commoni* Hardwick, 1965; *rama* Bhattacharjee & Gupta, 1972.

Range (as code): 01 04 05 06 08 13 14 16 20 25 26 28 30 31 33 36 37 44 46 47 49 50 51 53 56 57 58 61 63 65 71 72 75

**409. *Heliothis peltigera* ([Denis & Schiffermüller], 1775)**

Synonymy: *peltigera* [Denis & Schiffermüller], 1775; *alpheia* Cramer, 1780; *florentina* Esper, [1788]; *charmione* Stoll, 1790; *straminea* Donovan, 1793; *insulata* Navas, 1924.

Range (as code): 01 04 05 06 07 08 09 13 16 18 20 21 24 25 27 30 31 33 35 36 38 42 44 45 46 50 51 56 58 63 65 66 72 73 75 80

**410. *Heterophya dumetorum* (Geyer, 1834)**

Synonymy: *dumetorum* Geyer, 1834; *rhadama* Milliére, 1883; *mutica* Christoph, 1885; *griseoviridis* Schwingenschuss, 1937

Range (as code): 01 04 06 08 13 24 25 30 36 42 46 49 51 53 56 58 60 62 65 66 69

**411. *Hoplodrina pfeifferi* (Boursin, 1932)**

Synonymy: *pfeifferi* Boursin, 1932.

Range (as code): 08 13 18 23 25 30 32 36 42 50 51 58 62 65

**412. *Hoplodrina superstes* (Ochsenheimer, 1816)**

Synonymy: *superstes* Ochsenheimer, 1816

Range (as code): 01 04 05 06 08 12 14 25 30 33 36 37 49 50 53 56 65 66 71 75

**413. *Hypena palpalis* (Hübner, 1796)**

Synonymy: *palpalis* Hübner, 1796; *extensalis* Guenée, 1854; *armenialis* Staudinger, 1901.

Range (as code): 05 08 16 30 33 44 45 47 50 58 80

**414. *Iranada tarachoides* (Bytinski-Salz & Brandt, 1937)**

(Fig. 99)

Synonymy: *tarachoides* Bytinski-Salz & Brandt, 1937

Range (as code): 30 65

**415. *Lacanobia (s.str.) w-latinum* (Hufnagel, 1766)**

Synonymy: *w-latinum* Hufnagel, 1766; *genistae* Borkhausen, 1792; *dives* Donovan, 1801; *umbrosa* Bytinski-Salz & Brandt, 1937; *diniensis* Heinrich, 1938; *caerulescens* Schwingenschuss, 1962.

Range (as code): 04 05 06 11 13 18 21 24 25 28 30 33 34 36 37 39 42 49 50 58 60 61 65

**416. *Leucania herrichi* Herrich-Schäffer, [1849]**

Synonymy: *herrichi* Herrich-Schäffer, [1849]

Range (as code): 01 05 13 30 33 34 42 44 57



**Figs. – 99, 100** - *Iranada tarachoides*. Ağaçdibi 1375m, 7.vii.2018 (left). *Megalodes eximia*. Sulphur Valley 1620m, 18.vi.2018 (right).

**417. *Leucochlaena muscosa* (Staudinger, 1892)**

Synonymy: *muscosa* Staudinger, 1892; *hirsutus* Staudinger, 1892

Range (as code): 05 06 07 13 23 25 27 30 33 44 45 46 47 49 50 56 63 65 70 72

Remarks: This species was reported from Hakkari Province by the authors (Kemal & Koçak, 2018b).

**418. *Lygephila (s.str.) cracca* (Fabricius, 1787)**

Synonymy: #cracca [Denis & Schiffermüller], 1775; cracca Fabricius, 1787; nigricollis De Villers, 1789; riata Rungs, 1952; caliginosa Schawerda, 1931; herrera Yela, 1990; #cracca Hacker & Kautt, 1999.

Range (as code): 01 05 06 07 08 12 13 14 16 17 18 22 23 24 25 29 30 31 33 36 42 44 48 49 50 56 58 60 62 63 65 75 76

**419. *Lygephila (s.str.) schachti* Behounek & Hacker, 1986**

Synonymy: schachti Behounek & Hacker, 1986

Range (as code): 01 12 13 23 30 47 62 73

**420. *Macdunnoughia (s.str.) confusa* (Stephens, 1850)**

Synonymy: confusa Stephens, 1850; gutta Guenée, 1852; bigutta Staudinger, 1892; monosigna Chou & Lu, 1979

Range (as code): 09 14 16 28 30 33 45 80

**421. *Maraschia grisescens* Osthelder, 1933**

Synonymy: grisescens Osthelder, 1933; caspica Kuznetsov, 1957

Range (as code): 30 44 46

Remarks: This species was reported from Hakkari Province by the authors (Kemal & Koçak, 2018b).

**422. *Megalodes eximia* (Freyer, 1845) (Fig. 100)**

Synonymy: eximia Freyer, 1845

Range (as code): 01 05 07 10 13 21 24 25 27 30 33 36 42 44 46 47 49 50 62 63 65 66 73

**423. *Meganola kolbi* (Daniel, 1935)**

Synonymy: kolbi Daniel, 1935; taurica Daniel, 1935; pannonica Kovacs, 1947

Range (as code): 13 30 80

**424. *Mesoligia literosa* (Haworth, [1809])**

Synonymy: literosa Haworth, [1809]; erratricula Hübner, [1813]; onochyna Herrich-Schäffer, 1856; subarcta Staudinger, 1898; faroulti Rothschild, 1914; powelli Oberthür, 1918

Range (as code): 01 03 06 07 08 13 24 25 30 36 38 42 50 51 56 58 62 65 66 69 75

**425. *Metopoplus boursini* Brandt, 1938**

Synonymy: boursini Brandt, 1938

Range (as code): 13 30 56 65 73

Remarks: This species was first reported by Koçak (1975: 28) from Turkey, based upon his capture from Yüksekova 1800m and Zap Valley 1400m on 29.vii.1973 and 16.vii.1974 respectively.

**426. *Mythimna (Aletia) l-album* (Linnaeus, 1767)**

Synonymy: l-album Linnaeus, 1767; penicillata Moore, 1881

Range (as code): 01 05 06 07 08 10 12 13 16 17 18 21 25 30 31 32 33 34 36 38 39 42 44 45 46 49 50 51 56 58 61 62 63 65 69 72 80

**427. *Mythimna (Aletia) pudorina* ([Denis & Schiffermüller], 1775)**

Synonymy: pudorina [Denis & Schiffermüller], 1775; impudens Hübner, [1803].

Range (as code): 16 30 62

**428. *Mythimna (Aletia) sassanidica* (Hacker, 1986)**

Synonymy: sassanidica Hacker, 1986

Range (as code): 04 06 08 13 24 25 30 36 46 58 60 65

**429. *Mythimna (Aletia) vitellina* (Hübner, [1808])**

Synonymy: vitellina Hübner, [1808]; #vitellina Lederer, 1870; decolorata Dannehl, 1929; saturator Dannehl, 1929; grisescens Dannehl, 1929.

Range (as code): 01 02 03 05 06 07 08 09 13 16 17 18 21 22 23 24 25 27 28 29 30 31 33 34 35 36 37 39 42 44 45 46 48 49 50 51 52 56 58 62 63 65 72 73 75 76 80

**430. *Nezonecta pusilla* (Püngeler, 1900)**

Synonymy: pusilla Püngeler, 1900



Range (as code): 25 30 65

**431. *Noctua (Lampra) fimbriata* (Schreber, 1759)**

Synonymy: fimbriata Schreber, 1759; domiduca Hufnagel, 1766; fimbria Linnaeus, 1767; solani Fabricius, 1787.

Range (as code): 03 05 06 07 08 12 13 14 16 18 25 29 30 39 42 43 46 49 51 56 59 60 62 65 73 80

**432. *Noctua (Latanoctua) orbona* (Hufnagel, 1766)**

Synonymy: orbona Hufnagel, 1766; subsequa [Denis & Schiffermüller], 1775; caroni Lempke, 1964.

Range (as code): 01 03 04 05 06 07 08 13 14 16 17 18 21 23 25 27 28 30 31 36 38 39 42 43 46 47 50 51 56 58 59 60 62 63 65 66 70 72

**433. *Noctua (Paranoctua) comes* (Hübner, [1813])**

Synonymy: orbona Fabricius, 1787 nec Hufn., 1767; comes Hübner, [1813]; adsequa Treitschke, 1825; prosequa Treitschke, 1825; bergensis Sp.-Schn., 1901.

Range (as code): 01 05 06 07 08 09 10 11 13 16 21 22 30 31 33 39 42 43 44 45 46 56 59 63 65 72 73

**434. *Noctua (s.str.) pronuba* (Linnaeus, 1758)**

**(Fig. 101)**

Synonymy: pronuba Linnaeus, 1758; connuba Hübner, [1822]; innuba Treitschke, 1825; hoegei Herrich-Schäffer, 1861; nigra Krausse, 1912 nec Piesz., 1908; decolorata Turati, 1923.

Range (as code): 01 04 05 06 07 08 13 14 16 17 18 21 24 27 28 30 31 33 34 35 36 39 42 43 44 45 46 50 51 56 58 59 60 61 62 63 65 71 72 73



**Figs. 101, 102** - *Noctua pronuba*. Sümbül Mt., 19.v.2018 (left). *Omphalophana antirrhinii*. Dez Valley 1400m, 20. v. 2018 (right).

**435. *Noctua (s.str.) tertia* Mentzer, Moberg & Fibiger, 1991**

Synonymy: tertia Mentzer, Moberg & Fibiger, 1991

Range (as code): 01 03 05 08 27 30 33 42 50

**436. *Nola (s.str.) cicatricalis* (Treitschke, 1835)**

Synonymy: cicatricalis Treitschke, 1835; tuberculalis Mann, 1857

Range (as code): 06 07 11 13 17 30 31 33 34 35 43 46 48 56 73

**437. *Nyctobrya (Bryopsis) amasina* (Draudt, 1931)**

Synonymy: amasina Draudt, 1931

Range (as code): 01 05 06 08 12 13 18 25 30 31 33 42 56 62 65 75

**438. *Ochropleura plecta* (Linnaeus, 1761)**

Synonymy: plecta Linnaeus, 1761; unimacula Staudinger, 1859; anderssoni Lampa, 1885; glaucimacula Graeser, [1889]; unupplecta Bryk, 1942.

Range (as code): 01 06 08 09 11 25 28 30 33 36 42 55 58 61 65

**439. *Omphalophana antirrhinii* (Hübner, [1803])**

**(Fig. 102)**

Synonymy: antirrhinii Hübner, [1803]

Range (as code): 05 06 13 16 17 18 24 25 30 33 35 42 45 46 47 50 51 56 58 60 63 65 76

**440. *Ophiusa lunaris* (Goeze, 1781)**

Synonymy: #lunaris [Denis & Schiffermüller], 1775; lunaris Goeze, 1781; undosa Goeze, 1781; ventrilabris Fabricius, 1787; tarsiplumalis Hübner, 1796; inconspicua W. Warren, 1913; chosensis Bryk, 1949.

Range (as code): 01 05 06 07 10 13 16 18 21 25 30 32 33 35 39 42 50 56 62 65 80

**441. *Opigena polygona* (Fabricius, 1787)**

Synonymy: #polygona [Denis & Schiffermüller], 1775; polygona Fabricius, 1787; nigrofulva Esper, [1788]; pyramis Borkhausen, 1792; #polygena Hacker & Weigert, 1986

Range (as code): 03 04 12 13 17 18 24 25 30 36 39 42 60 65 69

**442. *Ostheldera arne* L. Ronkay & Varga, 1994**

Synonymy: arne L. Ronkay & Varga, 1994

Range (as code): 30

Remarks: This species was reported from Hakkari Province by the authors (Kemal & Koçak, 2018b).

**443. *Pamparama acuta* (Freyer, [1837])**

Synonymy: acuta Freyer, [1837]; producta Lederer, 1857; pygmaea Staudinger, 1871.

Range (as code): 02 06 07 09 16 21 23 30 32 33 34 35 38 42 44 46 50 51 56 63 65 72

**444. *Perigrapha* (s.str.) *i-cinctum* ([Denis & Schiffermüller], 1775)**

Synonymy: i-cinctum [Denis & Schiffermüller], 1775; cincta Fabricius, 1787; slovenica Michieli, 1966.

Range (as code): 02 06 07 15 22 25 30 32 46 51 58 60 62 65 73

**445. *Periphanes (Helivictoria) victorina* (Sodoffsky, 1849)**

Synonymy: victorina Sodoffsky, 1849

Range (as code): 05 06 08 13 14 15 16 18 23 24 25 30 32 33 42 44 46 50 51 55 56 58 65 69 70

**446. *Periphanes (Philareta) treitschkii* (Frivaldszky, 1835) (Fig. 103)**

Synonymy: treitschkii Frivaldszky, 1835; taurica Herrich-Schäffer, 1851

Range (as code): 04 05 06 07 08 13 25 30 31 33 36 44 46 51 56 63 65 69 73

**447. *Plecoptera inquinata* (Lederer, 1857) (Fig. 104)**

Synonymy: inquinata Lederer, 1857; pyrami Rogenhofer, 1873; amanica Osthelder, 1933

Range (as code): 01 07 08 13 30 31 33 42 46 47 56 65 72

**448. *Polia bombycina* (Hufnagel, 1766)**

Synonymy: bombycina Hufnagel, 1766; advena [Denis & Schiffermüller], 1775; tinctoria Brahm, 1791; nitens Haworth, 1809.

Range (as code): 04 08 24 25 28 29 30 36 50 53 58 75



**Figs. 103, 104** - *Periphanes (Philareta) treitschkii*. Sulphur Valley 1620m, 18.vi.2018 (left). *Plecoptera inquinata*. From same place and date (right).

**449. *Polia sagittigera* (Hufnagel, 1766)**

Synonymy: *sagittigera* Hufnagel, 1766; *leucophaea* [Denis & Schiffermüller], 1775; *fulminea* Fabricius, 1781; *vestigialis* Esper, [1785]; *ravida* Esper, [1789]; *pyrenaica* Oberthür, 1884; *incana* Millière, 1885.

Range (as code): 01 03 06 13 16 18 25 33 42 46 49 50 51 60 61 65

**450. *Polymixis (Brandticola) dubiosa* (Brandt, 1938)**

Synonymy: *dubiosa* Brandt, 1938

Range (as code): 30 56 65 73

Remarks: This species was reported from Hakkari Province by the authors (Kemal & Koçak, 2018b).

**451. *Polymixis (Parabrachionycha) trisignata* (Ménétriés, 1847)**

Synonymy: *trisignata* Ménétriés, 1847; *nasamonius* Turati, 1924

Range (as code): 01 07 30 58 63 65

**452. *Polymixis (s.str.) crinomima* (Wiltshire, 1946)**

Synonymy: *crinomima* Wiltshire, 1946; *jabaliya* Wiltshire, 1987 [ssp.]; *diluta* L. Ronkay, Z. Varga & M. Hreblay, 1998 [ssp.]

Range (as code): 30 65

Remarks: This species was reported from Hakkari Province by the authors (Kemal & Koçak, 2018b).

**453. *Polymixis (s.str.) ivanchiki* Pekarsky, 2012**

Synonymy: *ivanchiki* Pekarsky, 2012

Range (as code): 30 31 56 63 65

Remarks: This species was reported from Hakkari Province by the authors (Kemal & Koçak, 2018b).

**454. *Polyphaenis monophaenis* Brandt, 1938**

Synonymy: *monophaenis* Brandt, 1938; *#unicoloris* Brandt, 1938.

Range (as code): 30 65

**455. *Polypogon nigricaria* (Osthelder, 1933)**

Synonymy: *nigricaria* Osthelder, 1933

Range (as code): 01 08 13 30 36 46 56 73

**456. *Polypogon plumigeralis* (Hübner, [1825])**

Synonymy: *plumigeralis* Hübner, [1825]; *crinalis* Treitschke, 1829.

Range (as code): 01 05 07 08 16 30 31 33 41 46 48

**457. *Polypogon schwingenschussi* (Wagner, 1937)**

Synonymy: *schwingenschussi* Wagner, 1937; *elbursalis* Draudt, 1937.

Range (as code): 13 30 56 65 73

**458. *Pseudenargia deleta* (Osthelder, 1933)**

Synonymy: *deleta* Osthelder, 1933; *#badiofasciata* Draudt, 1936; *basilissa* Brandt, 1938.

Range (as code): 01 04 13 23 30 36 44 46 56 58 62 63 65 72 73

**459. *Pseudenargia regina* (Staudinger, 1892)**

Synonymy: *regina* Staudinger, 1892

Range (as code): 01 03 05 06 08 13 18 30 31 33 36 42 46 50 51 58 62 65 68

**460. *Recophora beata* (Staudinger, 1892)**

Synonymy: *beata* Staudinger, 1892

Range (as code): 01 06 13 21 23 24 30 42 44 56 63 65 73

**461. *Recophora hreblayi* Hacker & L. Ronkay, 2002**

Synonymy: *hreblayi* Hacker & L. Ronkay, 2002

Range (as code): 23 30 73



**462. *Rhiza (Graphantha) laciniosa* (Christoph, 1887)**Synonymy: *laciniosa* Christoph, 1887

Range (as code): 07 23 25 30 36 38 42 44 56 76

**463. *Sideridis (Aneda) rivularis* (Fabricius, 1775)**Synonymy: *rivularis* Fabricius, 1775; *cucubali* [Denis & Schiffermüller], 1775; *rivosa* Ström, 1783; *behenis* Freyer, 1845.

Range (as code): 04 08 09 13 14 18 23 24 28 30 36 42 49 50 55 61 65 73 75

**464. *Sideridis (Conisanian) capsivora* (Draudt, 1933)**Synonymy: *capsivora* Draudt, 1933

Range (as code): 13 18 30 36 65 73

**465. *Sideridis (Luteohadena) luteago* ([Denis & Schiffermüller], 1775)**Synonymy: *luteago* [Denis & Schiffermüller], 1775; *brunneago* Esper, [1804]; *nigrescens* Wagner, 1926 (praeocc.); *ottomana* Koçak, 1990.

Range (as code): 04 05 06 07 08 11 13 18 21 24 25 29 30 33 36 37 42 49 50 58 60 61 65 73

**466. *Sideridis (s.str.) lampra* (Schawerda, 1913)**Synonymy: *evidens* Hübner, [1808] nec Thunb., 1784; *lampra* Schawerda, 1913; *anapheles* Nye, 1975

Range (as code): 04 12 13 25 30 49 65 75

**467. *Simyra dentinosa* Freyer, 1839 (Fig.105)**Synonymy: *dentinosa* Freyer, 1839; *leucaspis* Fischer v. Waldheim, 1840; *zeliha* Kornosor & Lödl, 1990

Range (as code): 05 06 13 20 21 25 26 30 33 34 38 42 44 46 50 56 58 60 62 63 65 76

**468. *Spaelotis demavendi* (F. Wagner, 1937)**Synonymy: *demavendi* F. Wagner, 1937

Range (as code): 04 25 30 36 38 65 68 69

**469. *Spodoptera exiguum* (Hübner, [1808])**Synonymy: *exigua* Hübner, [1808]; *fulgens* Geyer, [1832]; *pygmaea* Rambur, 1834; *junceti* Zeller, 1847; *caradrinoides* Walker, 1856; *flavimaculata* Harvey, 1876; *venosa* Butler, 1880; *sebghana* Austaut, 1880; *antipodea* W. Warren, 1914; *protector* De Laever, 1985.

Range (as code): 01 05 07 08 13 14 16 17 18 21 25 27 29 30 31 32 33 36 38 42 43 44 45 46 47 49 50 51 52 56 58 63 64 65 69 72

**470. *Sympistis exacta* (Christoph, 1887)**Synonymy: *exacta* Christoph, 1887; *iranica* Schwingenschuss, 1937

Range (as code): 13 25 30 36 65 73

**471. *Sympistis fuscipicta* (Wiltshire, 1976)**Synonymy: *fuscipicta* Wiltshire, 1976

Range (as code): 13 30 56 65 73

**472. *Sympistis strioligera* (Lederer, 1853)**Synonymy: *strioligera* Lederer, 1853

Range (as code): 01 13 30 36 42 65 70

**473. *Thria robusta* Walker, [1858]**Synonymy: *anysa* auct.; *robusta* Walker, [1858]; *fugitiva* Walker, [1858]; *opposita* Wallengren, 1865; *sennaarensis* R. Felder & Rogenhofer, 1874; *grandis* Staudinger, 1877; *terrigena* Christoph, 1877; *similata* Moore, 1883; *distincta* Rothschild, 1920; *asiria* Wiltshire, 1988; *omana* Wiltshire, 1988; *sokotrana* Wiltshire, 1988

Range (as code): 07 21 23 30 31 33 47 50 56 58 63 65 73 75

**474. *Tiliacea cypreago* (Hampson, 1906)**Synonymy: *cypreago* Hampson, 1906

Range (as code): 01 13 25 30 46 56 62 65

Remarks: This species was reported from Hakkari Province by the authors (Kemal &amp; Koçak, 2018b).

**475. *Valerietta boursini* De Freina & Hacker, 1985**Synonymy: *boursini* De Freina & Hacker, 1985

Range (as code): 13 30 65 72 73

**476. *Victrix (Rasihia) tabora* (Staudinger, 1892)**

Synonymy: *tabora* Staudinger, 1892

Range (as code): 13 27 30 33 44 46 47 65 72 73

**477. *Xestia (s.str.) xanthographa* ([Denis & Schiffermüller], 1775)**

Synonymy: *xanthographa* [Denis & Schiffermüller], 1775; *tetragona* Haworth, 1809; *budensis* Freyer, 1838; *elutior* Alpheraky, 1887; *funerea* Gauckler, 1901; *trumani* Smith, 1903; *praecipuina* Rothschild, 1914; *almohada* F. Wagner, 1918; *faroulti* Rothschild, 1920; *lepida* Constantini, 1922; *algorica* Corti & Draudt, 1933

Range (as code): 01 05 13 20 30 31 33 42 58 62

Remarks: This species was reported from Hakkari Province by the authors (Kemal & Koçak, 2018b).

**478. *Zebeeba falsalis* (Herrich-Schäffer, [1839])**

Synonymy: *falsalis* Herrich-Schäffer, [1839]; *?dardounula* Millière, 1871

Range (as code): 07 30 33

**479. *Zekelita (Ravalita) ravalis* (Herrich-Schäffer, [1852]) (Fig. 106)**

Synonymy: *ravalis* Herrich-Schäffer, [1852]; *revolutalis* Zeller, 1852; *eremialis* Swinhoe, 1889 nec Walk., 1859; *centralis* Staudinger, 1892; *syriacalis* Staudinger, 1892; *extorris* W. Warren, 1913; *#pallida* Schawerda, 1929; *#transcaspica* Brandt, 1941

Range (as code): 01 05 06 07 08 13 18 24 25 27 30 31 33 35 42 44 46 47 50 56 58 62 65 69 70 72 76

**480. *Zethes brandti* Janzon, 1977**

Synonymy: *nemea* Brandt, 1938 (p.p.); *nemea* sensu Koçak, 1977; *brandti* Janzon, 1977.

Range (as code): 21 27 30 56 63 65 73

**481. *Zethes narghisa* Brandt, 1938**

Synonymy: *narghisa* Brandt, 1938

Range (as code): 13 27 30 46 47 56 62 65 73



**Figs. - 105, 106** – *Simyra dentinosa*. Young caterpillar feeding group on *Euphorbia*. Sulphur Valley 1620m, 17.v.2018 (left). *Zekelita ravalis*. Dez Valley 1400m, 20.v.2018 (right).

## Notodontidae

**482. *Clostera pigra* (Hufnagel, 1766)**

Synonymy: *pigra* Hufnagel, 1766; *reclusa* [Denis & Schiffermüller], 1775; *alticaudafurcata* Retzius, 1783; *suffusa* Stephens, 1835; *superior* Rangnow, 1935; *#flavidior* Bytinski-Salz, 1936

Range (as code): 01 04 06 08 12 13 14 18 24 30 31 36 42 44 46 49 56 58 60 62 65

**483. *Drymonia velitaris* (Hufnagel, 1766)**Synonymy: *velitaris* Hufnagel, 1766; *austera* [Denis & Schiffermüller], 1775; *bifasciata* De Villers, 1789

Range (as code): 12 13 16 25 29 30 36 37 46 49 52 53 55 60 61 65

**484. *Harpyia milhauseri* (Fabricius, 1775)**Synonymy: *milhauseri* Fabricius, 1775; *terrifica* [Denis & Schiffermüller], 1775; *vidua* Knoch, 1781; *albida* Daniel, 1932

Range (as code): 05 06 07 10 12 13 14 21 24 30 31 33 37 42 46 48 49 53 56 60 62 64 65 66 71 73

**485. *Neoharpyia pulcherrima* (Brandt, 1938)**Synonymy: *pulcherrima* Brandt, 1938

Range (as code): 13 30 56 72

**486. *Paradrymonia vittata* (Staudinger, 1892)**

(Fig. 107)

Synonymy: *vittata* Staudinger, 1892

Range (as code): 01 07 14 30 32 33 46 73

**487. *Peridea korbi* (Rebel, 1918)**Synonymy: *korbi* Rebel, 1918

Range (as code): 01 06 07 17 30 32 33 46 48 56 60 62 64 65

**488. *Pterostoma palpinum* (Linnaeus, 1761)**

(Fig. 108)

Synonymy: *#palpina* Clerck, 1759; *palpina* Linnaeus, 1761; *caudapiscina* Goeze, 1783; *salicis* Germar, 1812.

Range (as code): 06 12 13 14 16 19 24 25 30 32 36 37 42 46 49 50 56 60 62 65 71

**489. *Spatalia (s.str.) argentina* ([Denis & Schiffermüller], 1775)**Synonymy: *argentina* [Denis & Schiffermüller], 1775

Range (as code): 01 02 05 06 07 08 10 12 13 14 16 17 18 19 20 21 24 30 31 32 33 35 42 46 49 56 61 62 64 65 66 71 73 80



**Figs. 107, 108** – *Drymonia vittata*. Sulphur Valley 1620m, 18.v.2018 (left). *Pterostoma palpinum*. From same place, 8.vii.2018 (right).

**Oecophoridae****490. *Anchinia mukusensis* Kemal & Koçak, 2017**Synonymy: *mukusensis* Kemal & Koçak, 2017

Range (as code): 30 65

**Psychidae****491. *Oiketicoides caucasica* (A. Bang-Haas, 1912)**Synonymy: *caucasica* A. Bang-Haas, 1912; *subgrisea* Kozhanchikov, 1956.

Range (as code): 04 08 25 30 36 56 58 60 65 73



**Pterophoridae****492. *Stenoptilia arida* (Zeller, 1847)**

Synonymy: *arida* Zeller, 1847; *oxyactis* Meyrick, 1921; *grisea* Schawerda, 1933; *csanadyi* Gozmany, 1959; *picardi* Gibeaux, 1986; *mariaeluisiae* Bigot & Picard, 2001; *inopinata* Bigot & Picard, 2001; *kopetdagi* Zagulyaev, 2002

Range (as code): 05 06 13 16 30 32 42 47 58 65 75

**Pyralidae****493. *Agriphila poliella* (Treitschke, 1832)**

Synonymy: *poliella* Treitschke, 1832; *amseli* Ganév & Hacker, 1984

Range (as code): 01 06 30 51 71

**494. *Agriphila tolli* (Bleszynski, 1952)**

Synonymy: *tollii* Bleszynski, 1952

Range (as code): 01 05 06 13 22 30 42 59 65 80

**495. *Ancylolomia palpella* ([Denis & Schiffermüller], 1775)**

Synonymy: *palpella* [Denis & Schiffermüller], 1775; *sovinskyi* Krulikovskiy, 1909

Range (as code): 05 06 10 16 30 31 33 36 42 46 58 65 71

**496. *Ancylolomia hellenica* (Staudinger, 1870)**

Synonymy: *hellenica* Staudinger, 1870; *deliciosella* Caradja, 1910

Range (as code): 03 06 07 08 09 13 16 21 30 34 35 41 42 44 46 56 58 65 70 76

**497. *Arimania komaroffi* (Ragonot, 1888)**

Synonymy: *komaroffi* Ragonot, 1888

Range (as code): 01 05 30 46 47 56 63 73

**498. *Asalebria geminella* (Eversmann, 1844)**

Synonymy: *geminella* Eversmann, 1844

Range (as code): 13 30 65

**499. *Bradyrrhoa* (s.str.) *gilveolella* (Treitschke, 1833)**

Synonymy: *gilveolella* Treitschke, 1833

Range (as code): 01 05 06 13 16 21 22 23 29 30 31 44 51 38 42 44 46 51 56 58 65 71 77

**500. *Cholius luteolaris* (Scopoli, 1772)**

Synonymy: *luteolaris* Scopoli, 1772; *ochrealis* [Denis & Schiffermüller], 1775; *silacella* Hübner, 1796; *flavellus* O.-G. Costa, 1836; *simplicella* Laharpe, 1861; *albescentalis* Hampson, 1900; *cremealis* Zerny, 1934

Range (as code): 01 05 30 46 47 49 73 80

Remarks: This species was reported from Hakkari Province by the authors (Kemal & Koçak, 2018b).

**501. *Cybalomia pentadalis* (Lederer, 1855) (Figs. 109, 110)**

Synonymy: *pentadalis* Lederer, 1855

Range (as code): 01 07 08 30 31 33 45 46 56 76

**502. *Cynaeda* (s.str.) *gigantea* (Staudinger, 1879)**

Synonymy: *#gigantea* Wocke, 1871; *gigantea* Staudinger, 1879

Range (as code): 01 04 05 06 08 13 14 21 23 27 30 33 38 42 44 46 50 56 58 65 72 76

**503. *Dolicharthria bruguieralis* (Duponchel, 1833)**

Synonymy: *bruguieralis* Duponchel, 1833; *coniotalis* Hampson, 1903; *pseudobotys* Rothschild, 1913; *similalis* Rothschild, 1915; *bahrlutalis* Amsel, 1935; *mauretanica* D. Lucas, 1949

Range (as code): 01 02 05 06 07 13 16 21 30 31 32 33 44 46 65 70 73



**Figs. 109, 110** - *Cybalomia pentadalis*. Two views of resting position. Sulphur Valley 1620m, 18.vi.2018 .

**504. *Dolicharthria intervacatalis* (Christoph, 1877)**

Synonymy: *intervacatalis* Christoph, 1877

Range (as code): 13 30 56

**505. *Ecpyrrhorhoe diffusalis* (Guenée, 1854)**

Synonymy: *carnealis* Dup., 1831 nec Treit. 1829; *diffusalis* Guenée, 1854; *affusalis* Guenée, 1854; *tenuialis* Mann, 1862.

Range (as code): 01 02 05 06 13 16 21 30 31 36 38 42 44 46 47 56 58 60 65 71 73 76

**506. *Endotricha flammealis* ([Denis & Schiffermüller], 1775) (Figs. 111, 112)**

Synonymy: *flammealis* [Denis & Schiffermüller], 1775; *adustalis* Turati, 1905; *lutealis* Turati, 1905; *carnealis* De Lattin, 1951

Range (as code): 01 05 06 07 08 10 12 13 16 30 31 33 34 42 44 46 48 56 58 60 65 71 72 80



**Figs. 111, 112** - *Endotricha flammealis*. Views from two sides. Ağaçdibi, Çem 1220m, 17.vi.2018.

**507. *Ephelis cruentalis* (Geyer, [1832]) (Fig. 113)**

Synonymy: *cruentalis* Geyer, [1832]; *bourjotalis* Duponchel, 1833; *badialis* Treitschke, 1835

Range (as code): 01 05 06 12 13 16 21 25 30 31 33 34 35 36 38 39 42 44 46 49 56 58 63 65 72 76 80

Remarks: Early stages and distribution of this species were published previously (Kemal & Karabacak, 2008).

**508. *Ephestia (Anagasta) welseriella* (Zeller, 1848)**

Synonymy: *welseriella* Zeller, 1848; *modestella* Lederer, 1863; *tephrinella* Lederer, 1870; *rhenanella* Fuchs, 1877; *suffusella* Ragonot, 1901; *immodestella* Rebel, 1916; *superbella* Lucas, 1954; *capricola* Hampson, 1927

Range (as code): 05 06 13 16 30 36 42 44 45 46 65 71

**509. *Epiepischnia pseudolydella* Amsel, 1954**Synonymy: *pseudolydella* Amsel, 1954

Range (as code): 02 04 06 13 30 44 46 65 71

**510. *Epimetasia eoa* (Meyrick, 1936)**Synonymy: *eo*a Meyrick, 1936 Range (as code): 30 56**511. *Epischnia albunculella* (Staudinger, 1879)**Synonymy: *albunculella* Staudinger, 1879; *rhectogramma* Meyrick, 1937; *albunculella* Ragonot & Hampson, 1901

Range (as code): 05 06 13 30 38 42 46 65 76

**512. *Epischnia prodromella* (Hübner, [1799])**Synonymy: *prodromella* Hübner, [1799]; *#prodromella* Rebel, 1939

Range (as code): 01 05 06 08 13 16 21 27 30 31 32 34 42 44 46 56 58 65 72

**513. *Etiella zinckenella* (Treitschke, 1832)**Synonymy: *marginella* Fabricius, 1781 nec Den. & Schiff., 1775; *zinckenella* Treitschke, 1832; *etiella* Treitschke, 1835; *majorcellus* Costa, 1836; *colonnellus* Costa, 1836; *dymnusalis* Walker, 1859; *heraldella* Guenée, 1862; *anticalis* Walker, 1863; *indicatalis* Walker, 1863; *hastiferella* Walker, 1866; *decipiens* Staudinger, 1870; *spartiella* Rondani, 1876; *sabulinus* Butler, 1879; *madagascariensis* Saalmüller, 1880; *schisticolor* Zeller, 1881; *villosella* Hulst, 1887; *rubribasella* Hulst, 1890; *#tiella* Pinhey, 1975.

Range (as code): 01 05 06 09 13 16 17 30 31 33 39 44 46 58 65 71 76 80

**514. *Euchromius pulverosus* (Christoph, 1887)**Synonymy: *pulverosa* Christoph, 1887; *cochlearella* Amsel, 1949

Range (as code): 01 06 08 13 21 23 30 33 36 42 44 46 51 56 65 73 76

**515. *Euclasta (s.str.) splendidalis* (Herrich-Schäffer, [1848])**Synonymy: *splendidalis* Herrich-Schäffer, [1848]

Range (as code): 01 05 16 17 21 30 31 33 44 46 48 56 67

**516. *Eurhodope (s.str.) monogrammos* (Zeller, 1867)**Synonymy: *monogrammos* Zeller, 1867; *homochromella* Amsel, 1961; *melanella* Roesler, 1969

Range (as code): 01 05 06 13 16 30 31 33 42 46 50 71

**517. *Euzopherodes lutisignella* (Mann, 1869)****(Fig. 114)**Synonymy: *lutisignella* Mann, 1869; *leonhardi* Rebel, 1910; *scipionella* Turati, 1924; *battella* Turati, 1924.

Range (as code): 02 13 21 23 30 31 33 35 38 42 44 46 47 56 65



**Figs. 113, 114** - *Ephelis cruentalis*. Ağaçdibi 1375m, 16.vi.2018 (left). *Euzopherodes lutisignella*. Dez Valley 1400m, 20.v. 2018 (right).

**518. *Evergestis desertalis* (Hübner, [1813])****(Fig. 115)**Synonymy: *desertalis* Hübner, [1813]; *vandalusialis* Herrich-Schäffer, [1855]; *avicennae* Tams, 1925

Range (as code): 04 05 06 26 30 36 42 44 76



**519. *Evergestis extimalis* (Scopoli, 1763)**

Synonymy: *extimalis* Scopoli, 1763; *margaritalis* [Denis & Schiffermüller], 1775; *flavofusca* Retzius, 1783; *mediella* Goeze, 1783; *intermediata* Fourcroy, 1785; *erucalis* Hübner, 1796  
Range (as code): 06 30 44 45 58

**520. *Evergestis mundalis* (Guenée, 1854)**

Synonymy: *mundalis* Guenée, 1854; *submundalis* Millière, 1882; *permundalis* Marion, 1960  
Range (as code): 13 30 31 44 65

**521. *Evergestis politalis* ([Denis & Schiffermüller], 1775)**

Synonymy: *politalis* [Denis & Schiffermüller], 1775; *pictoralis* Fabricius, 1794; *bifascialis* Guenée, 1849; *disperalis* Mann, 1859; *bicoloralis* La Harpe, 1861; *maroccana* Lucas, 1955  
Range (as code): 04 05 06 13 16 30 38 42 44 58 65 76

**522. *Evergestis segetalis* (Herrich-Schäffer, [1855])**

Synonymy: *#segetalis* Herrich-Schäffer, 1851; *blandalis* Guenée, 1854; *segetalis* Herrich-Schäffer, [1855]; *rubidalbalis* Turati, 1907  
Range (as code): 05 16 29 30 42 46 65

**523. *Evergestis serratalis* (Staudinger, 1870)**

Synonymy: *serratalis* Staudinger, 1870  
Range (as code): 01 06 30 33 71

**524. *Glaucocharis euchromiella* (Ragonot, 1895)**

Synonymy: *euchromiella* Ragonot, 1895; *sinualis* Hampson, 1900; *rebeli* Osthelder, 1942  
Range (as code): 01 13 30 31 33 46 56 65 76

**525. *Homoeosoma sinuellum* (Fabricius, 1794)**

Synonymy: *sinuella* Fabricius, 1794; *sinuatus* Fabricius, 1794; *elongella* Hübner, [1813]; *gemina* Haworth, 1811; *flavella* Duponchel, 1836; *gioferella* Turati, 1934.  
Range (as code): 01 05 06 07 13 16 21 30 31 39 44 46 58 65 70 71 75 76

**526. *Hyperlais dulcinalis* (Treitschke, 1835)**

Synonymy: *dulcinalis* Treitschke, 1835; *obscura* Rothschild, 1925  
Range (as code): 05 06 13 30 44 46 65 70 71 76

**527. *Hypsopygia costalis* (Fabricius, 1775)**

Synonymy: *costalis* Fabricius, 1775; *fimbrialis* [Denis & Schiffermüller], 1775; *purpurana* Thunberg, 1784; *hyllalis* Walker, 1859; *rubrociliaris* Staudinger, 1870; *#lugens* Rebel, 1903; *syriaca* Zerny, 1914; *lugens* Caradja, 1917.  
Range (as code): 01 06 09 13 16 27 30 31 33 36 38 39 46 56 65 73 75 76

**528. *Keradere lepidella* (Ragonot, 1887)**

Synonymy: *lepidella* Ragonot, 1887  
Range (as code): 02 06 09 13 21 30 46 47 65 70 71

**529. *Loxostege clathralis* (Hübner, [1813])**

Synonymy: *clathralis* (Hübner, [1813]); *comptalis* Lederer, 1855 nec Frr., [1848]; *#nivalis* Caradja, 1916  
Range (as code): 05 06 25 26 30 38 42 58 76

**530. *Loxostege mucosalis* (Herrich-Schäffer, [1848])****(Fig. 116)**

Synonymy: *mucosalis* Herrich-Schäffer, [1848]  
Range (as code): 05 06 30 34 38 71

**531. *Mecyna marcidalis* (Fuchs, 1879)**

Synonymy: *marcidalis* Fuchs, 1879 [März]; *pontica* Staudinger, 1879 [1 Nov., 1879]; *designatalis* Christoph, 1887; *litalbalis* Caradja, 1916; *levilinealis* Amsel, 1935  
Range (as code): 01 05 12? 13 30 44? 46 47 56 58? 65 71? 73



**Figs. 115, 116** - *Evergestis desertalis*. Sulphur Valley 1620m, 18.vi.2018 (left). *Loxostege mucosalis*. Sümbül Mt., 19.v.2018 (right).

**532. *Mecyna subsequalis* (Herrich-Schäffer, 1855) (Fig. 117)**

Synonymy: #subsequalis Herrich-Schäffer, 1851; subsequalis Herrich-Schäffer, 1855; lutulentalis Lederer, 1858; consequens Meyrick, 1932

Range (as code): 01 04 05 06 13 24 29 30 31 33 42 44 46 56 58 65 69 71 76 80

**533. *Mecyna trinalis* ([Denis & Schiffermüller], 1775) (Fig. 118)**

Synonymy: trinalis [Denis & Schiffermüller], 1775; andalusica Staudinger, 1879; tripunctalis Oberthür, 1887; anienalis Hartig, 1941; joannisalis Marion, 1955; maroccanensis Amsel, 1956

Range (as code): 01 05 06 08 13 23 29 30 33 44 46 56 61 65 73 76

**534. *Merulempista amoenella* (Zeller, 1848)**

Synonymy: amoenella Zeller, 1848; erberi Mann, 1867; johannella Caradja, 1916; jordana Amsel, 1935

Range (as code): 01 09 13 24 30 33 36 39 56 65 73 76

**535. *Metasia virginalis* Ragonot, 1894**

Synonymy: virginalis Ragonot, 1894; fulvilinealis Hampson, 1900; #virginialis Rebel, 1901; phthoneropsis Meyrick, 1937

Range (as code): 12 13 30 46 47 56 73

**536. *Myelois (s.str.) circumvoluta* (Fourcroy, 1785)**

Synonymy: circumvoluta Fourcroy, 1785; circumvolutella De Villers, 1789; cribrella Hübner, 1796; carhdui Haworth, 1811; medullalis Hübner, [1825]; pallium Vallot, 1829; gilvescentella Fuchs, 1903; britannicella Amsel, 1951; impunctata Hartig, 1952; nigrapeza Hartig, 1952

Range (as code): 01 04 06 13 17 21 30 31 33 36 49 65 71 73 80

**537. *Myrleae albistrigata* (Staudinger, 1881)**

Synonymy: albistrigata Staudinger, 1881

Range (as code): 05 06 13 30 33 38 42 46 47 56 58 65 71 76



**Figs. 117, 118** - *Mecyna subsequalis*. Sulphur Valley 1620m, 8.vii.2018 (left). *Mecyna trinalis*. Dez Valley 1400m, 4.vii.2011 (right).

**538. *Nomophila noctuella* ([Denis & Schiffermüller], 1775)**

Synonymy: noctuella [Denis & Schiffermüller], 1775; hybridalis Hübner, 1796; incertalis Hübner, [1825]; indistinctalis Walker, 1859

Range (as code): 01 05 06 08 11 13 14 16 17 21 30 31 32 33 34 35 37 38 39 44 46 48 49 53 55 56 58 60 63 65 71 72 73 76 80

**539. *Patania ruralis* (Scopoli, 1763)**

Synonymy: ruralis Scopoli, 1763; iridialis Hübner, [1825]; perpendicularis Duponchel, 1833; conchalis Werneburg, 1864; dubia Hampson, 1891; #flavescens Rebel, 1916

Range (as code): 05 13 16 30 31 34 44 46 48 65 75 81

**540. *Pediasia matricella* (Treitschke, 1832)**

Synonymy: matricella Treitschke, 1832; obscura Caradja, 1931; stenopterella Amsel, 1949

Range (as code): 01 05 06 13 23 30 33 42 46 50 58 65 71

**541. *Phlyctaenomorpha sinuosalis* (Le Cerf, [1910])****(Fig. 119, 120)**

Synonymy: sinuosalis Le Cerf, [1910]; platyphaea Meyrick, 1937.

Range (as code): 07 13 30 33 56 65 73

Remarks: This species was first reported by Koçak (1975: 29) from Turkey, based upon his capture from Zap Valley and Uludere (Hakkari Province) on 30.vi.1972 and 15.vii.1974 respectively.



**Figs. 119, 120** - *Phlyctaenomorpha sinuosalis*. Ağaçdibi 1300m., 18.vi.2018 (left). *Phlyctaenomorpha sinuosalis* and *Tegostoma perlepidalis*. Sulphur Valley 1620m, 8.vii.2018 (right).

**542. *Prochoristis capparidis* (Christoph, 1877)****(Fig. 121)**

Synonymy: capparidis Christoph, 1877; daghestanica Christoph, 1877

Range (as code): 30 63 76

**543. *Psammotis pulveralis* (Hübner, 1796)**

Synonymy: pulveralis Hübner, 1796 Range (as code): 01 04 05 06 13 16 30 33 42 44 45 65 71

**544. *Pterothrixidia rufella* (Duponchel, 1836)**

Synonymy: rufella Duponchel, 1836; impurella Duponchel, 1837; luridatella Herrich-Schäffer, 1847; infuscatella Herrich-Schäffer, 1849; corsicella Ragonot, 1893; #pallida Leraut, 2014; rungsella Leraut, 2014

Range (as code): 04 05 13 27 30 45 44 46 47 32 58 65 70

**545. *Pyralis kacheticalis* (Christoph, 1893)**

Synonymy: kacheticalis Christoph, 1893; imperialis Caradja, 1916

Range (as code): 01 05 06 07 12 13 21 30 31 33 44 56 65 72 73

**546. *Pyrasia gutturalis* (Staudinger, 1879)****(Fig. 122)**

Synonymy: gutturalis Staudinger, 1879

Range (as code): 01 02 07 13 21 30 31 45 46 47 56 65 76





**Figs. 121, 122** - *Prochoristis capparidis*. Sulphur Valley 1620m, 8.vii.2018 (left). *Pyrasia gutturalis*. Dez Valley 1400m, 20.v. 2018 (right).

**547. *Pyrausta aurata* (Scopoli, 1763)**

Synonymy: *aurata* Scopoli, 1763; *punicealis* [Denis & Schiffermüller], 1775; *niepoldalis* Lederer, 1863; *meridionalis* Staudinger, 1880 nec Wcke, 1871; *deficiens* Dufrane, 1957; *inciae* Koçak, 1982

Range (as code): 01 05 06 13 14 16 23 30 31 33 42 44 56 65 69 71 72 76

**548. *Pyrausta castalis* Treitschke, 1829**

Synonymy: *castalis* Treitschke, 1829

Range (as code): 04 05 06 13 16 25 30 37 42 44 65 69 70 71 73 76

**549. *Pyrausta despicata* (Scopoli, 1763)**

Synonymy: *despicata* Scopoli, 1763; *koenigiana* O.F.Müller, 1764; *vestianella* Clerk, 1764; *cespitalis* [Denis & Schiffermüller], 1775; *sordialis* Thunberg, 1784; *intermedialis* Duponchel, 1833; *tendinosalis* Bremer, 1874; *yangtsealis* Caradja, 1938; *ifranalis* Leraut, 2001

Range (as code): 01 05 06 11 13 14 16 17 21 24 25 30 31 32 33 34 42 46 49 51 55 56 58 65 71 72 76

**550. *Pyrausta pavidalis* Zerny, 1935**

Synonymy: *pavidalis* Zerny, 1935; *krimensis* Budashkin & Martin, 1993

Range (as code): 01 13 25 30 33 46 65 70

**551. *Pyrausta virginalis* Duponchel, 1832**

Synonymy: *virginalis* Duponchel, 1832; *auroralis* Zeller, 1847; *tristriatalis* Szent-Ivany & Uhrik-Meszaros, 1942; *arianalis* Amsel, 1970

Range (as code): 01 02 06 13 14 16 30 31 32 33 38 44 58 65 71 72 73 80

Remarks: This species was reported from Hakkari Province by the authors (Kemal & Koçak, 2018b).

**552. *Sitochroa palealis* ([Denis & Schiffermüller], 1775)**

Synonymy: ? *flaveolata* Hufnagel, 1767; *palealis* [Denis & Schiffermüller], 1775; *stigmatalis* De Villers, 1789; *selenalis* Hübner, [1819]; *anaxialis* Walker, 1859; *algalis* Allard, 1867; *extremalis* Caradja, 1916

Range (as code): 06 14 16 30 37 42 46 58 65

**553. *Sitochroa verticalis* (Linnaeus, 1758)**

(Fig. 122)

Synonymy: *verticalis* Linnaeus, 1758; *inversa* Fourcroy, 1785; *cinctalis* Treitschke, 1829; *nigricilialis* Ragonot, 1895 [ssp.]

Range (as code): 01 02 05 06 08 16 21 25 27 30 31 32 33 36 42 46 56 65 69 71 76

Remarks:

**554. *Stemmatophora brunnealis* (Treitschke, 1829)**

Synonymy: *brunnealis* Treitschke, 1829; *phaealis* Hampson, 1900; *ocellata* Rothschild, 1915; *lividalis* Constantini, 1922; *#nigrobrunnealis* Schawerda, 1941

Range (as code): 01 05 13 17 30 44 46 58 65

**555. *Synaphe consecratalis* (Lederer, 1855)**

(Fig. 123)

Synonymy: *consecratalis* Lederer, 1855

Range (as code): 01 02 06 13 21 27 30 31 33 46 56 58 65 76 79 80

**556. *Tegostoma perlepidalis* (Guenée, 1854)**

**(Figs. 120, 124)**

Synonymy: #lepidalis Herrich-Schäffer, [1851]; perlepidalis Guenée, 1854; lepidalis Herrich-Schäffer, [1855]; #lepidale Caradja, 1916

Range (as code): 05 06 13 30 42 56 65 71



**Figs. 122, 123** - *Sitochroa verticalis* ssp. *albalis*. Dez Valley 1500m, 4.vii.2011 (left). *Synaphe consecratalis*. Same place and date (right)

**557. *Udea confinalis* (Lederer, 1858)**

Synonymy: confinalis Lederer, 1858; graecalis Staudinger, 1870

Range (as code): 13 30 46 65 76

**558. *Udea ferrugalis* (Hübner, 1796)**

Synonymy: ferruginalis Rossi, 1794 nec Fabr., 1781; ferrugalis Hübner, 1796; #ferugalis Hübner, 1796; martialis Guenée, 1854; hypatialis Walker, 1859; testacea Butler, 1879

Range (as code): 01 03 05 06 07 13 14 16 17 26 30 31 32 33 34 35 38 42 44 46 48 49 56 58 63 65 71 75 76 80

**559. *Udea praepetalis* (Lederer, 1869)**

Synonymy: praepetalis Lederer, 1869; haemopsamma Meyrick, 1937

Range (as code): 04 05 13 25 30 42 46 51 56 58 65 69 71 76

## Saturniidae

**560. *Saturnia (Heraea) spini* ([Denis & Schiffermüller], 1775)**

Synonymy: #spini [Denis & Schiffermüller], 1775

Range (as code): 03 05 23 24 26 29 30 42 58 60

**561. *Saturnia (Neoris) naessigi* (De Freina, 1992)**

Synonymy: naessigi De Freina, 1992

Range (as code): 13 24 25 30 58 62 69

Remarks: This species was reported from Hakkari Province by the authors (Kemal & Koçak, 2018b).

**562. *Saturnia (s.str.) pyri* ([Denis & Schiffermüller], 1775) **(Fig. 125)****

Synonymy: pyri [Denis & Schiffermüller], 1775; teherana Lenek, 1970; pinkerae Kobes, 1980.

Range (as code): 05 06 07 10 12 13 15 16 17 19 21 22 25 26 28 30 31 32 33 38 34 42 44 46 47 50 53 56 58 64 65 72 73 76



**Figs. 124, 125** - *Tegostoma perlepidalis*. Sulphur Valley 1620m, 8.vii.2018 (left). *Saturnia pyri*. Sulphur Valley 1620m, 18.v.2018 (right).

### Scythridae

**563. *Scythris (scopolella-gr.) flabella* (Mann,1861) (Fig. 126)**

Synonymy: *flabella* Mann,1861; *aurella* Caradja,1920

Range (as code): 05 06 13 30 31 33 38 42 46 65 76

Remarks: This species was previously reported and illustrated from Hakkari by the authors (Koçak & Kemal, 2015: figs.66-67).

### Sesiidae

**564. *Bembecia (Pseudosphecia) stiziformis* (Herrich-Schäffer,[1852])**

Synonymy: #*stiziformis* Herrich-Schäffer,1851; *stiziformis* Herrich-Schäffer,[1852]; *kara* De Freina,1983; *tubercula* De Freina,1983; *barbarossa* De Freina,1983.

Range (as code): 01 04 05 12 13 30 36 47 49 50 65 76

**565. *Microsphecia brosiiformis* (Hübner,[1813])**

Synonymy: *brosiiformis* Hübner,[1813]; *dorsalis* Le Cerf,1914; #*obscura* Le Cerf,1914

Range (as code): 01 04 05 08 13 16 25 30 33 38 42 46 58 65

**566. *Pyropteron triannuliformis* (Freyer,1845)**

Synonymy: *meriaeformis* Assmann,1845 nec Bsd.,1840; *triannuliformis* Freyer,1845; *braconiformis* Herrich-Schäffer,1846; *philanthiformis* Lederer,1853 nec Lasp.,1801; *armeniaca* Bartel,1906; *balcanica* Zukowsky,1929; *ljiljanae* Tosevski,1986; *pungeleri* K.Spatenka,1987

Range (as code): 01 04 05 06 07 08 13 16 17 22 25 30 31 34 35 36 39 42 44 46 50 58 65



**Figs. — 126, 127** - *Scythris (scopolella-gr.) flabella*. Sulphur Valley 1620m, 8.vii.2018 (left). *Akbesia davidi* (worn). From same place and date (right).



**Sphingidae**

- 567. *Akbesia davidi* (Oberthür, 1884) (Fig. 127)**  
 Synonymy: *davidi* Oberthür, 1884  
 Range (as code): 01 02 21 27 30 31 33 46 47 56 63 65 72 73 80  
 Remarks: A worn specimen from Sulphur Valley was captured on 8 vii. 2018
- 568. *Clarina kotschy* (Kollar, [1849])**  
 Synonymy: *kotschy* Kollar, [1849]; *mardina* Staudinger, 1901  
 Range (as code): 21 30 47 56 65
- 569. *Daphnis nerii* (Linnaeus, 1758)**  
 Synonymy: *nerii* Linnaeus, 1758; *infernelutea* Saalmüller, 1884; *#confluens* Closs, 1912; *#nigra* Schmidt, 1914; *bipartita* Gehlen, 1934.  
 Range (as code): 07 09 30 31 33 34 35 42 46 48 65
- 570. *Deilephila suellus* Staudinger, 1878**  
 Synonymy: *suellus* Staudinger, 1878; *kuruschi* O. Bang-Haas, 1938.  
 Range (as code): 01 04 05 06 07 12 13 19 25 30 32 42 49 50 58 60 61 65 66 70 71
- 571. *Hemaris (Cochrania) croatica* (Esper, [1779])**  
 Synonymy: *croatica* Esper, [1779]; *sesia* Hübner, [1806]; *#obscurata* Closs, 1911; *#rangnowi* Closs, 1911.  
 Range (as code): 05 06 13 16 30 33 42 44 45 46 50 56 60 65 71
- 572. *Hemaris (s.str.) syra* (Daniel, 1939)**  
 Synonymy: *syra* Daniel, 1939; *#syriaca* Müller, Kravchenko, Li, Eitschberger, Hausmann, Miller, Orlova, Ortal, Speidel, Witt, 2005  
 Range (as code): 05 12 16 25 30 36 38 56 60 65 75 80
- 573. *Hyles euphorbiae* (Linnaeus, 1758)**  
 Synonymy: *euphorbiae* Linnaeus, 1758; *esulae* Hufnagel, 1766; *vandalusica* Ribbe, 1910; *etrusca* Verity, 1911; *sinensis* Closs, 1917; *rothschildi* Stauder, 1928; *dolomiticola* Stauder, 1930; *filipjevi* O. Bang-Haas, 1936; *lucida* Derzhavets, 1980.  
 Range (as code): 01 04 05 06 07 09 10 13 14 15 16 17 20 21 24 25 30 32 33 35 36 42 45 44 46 47 48 50 51 56 58 60 63 65 70 72 73 76
- 574. *Hyles nicaea* (Prunner, 1798)**  
 Synonymy: *nicaea* Prunner, 1798; *cyparissiae* Hübner, [1813]; *#nicea* De Freina, 1981  
 Range (as code): 06 13 19 25 30 36 50 58 60 65 66 76
- 575. *Hyles vespertilio* (Esper, [1780])**  
 Synonymy: *vespertilio* Esper, [1780].  
 Range (as code): 16 30
- 576. *Laothoe populeti* (Bienert, [1870])**  
 Synonymy: *populeti* Bienert, [1870]; *populetorum* Staudinger, 1887; *syriaca* Gehlen, 1932; *intermedia* Gehlen, 1934.  
 Range (as code): 01 02 05 06 12 13 25 30 32 36 42 44 46 48 53 56 60 65 71 75 76
- 577. *Macroglossum stellatarum* (Linnaeus, 1758) (Figs. 128, 129)**  
 Synonymy: *stellatarum* Linnaeus, 1758; *nigra* Cosmovici, 1892.  
 Range (as code): 01 05 06 09 10 11 13 14 16 17 21 25 30 31 33 35 36 38 45 46 48 55 56 58 60 63 65 70 71 72 75 76  
 Remarks: This species was previously reported and illustrated from Hakkari by the authors (Koçak & Kemal, 2015: fig. 68).



**Fig. 128, 129** – *Macroglossum stellatarum*. A female tries to lay her egg by day (left). Laid egg on *Galium* (right). Sümbül Mt., 18.v.2018.

**578. *Marumba quercus* ([Denis & Schiffermüller],1775)**

Synonymy: *quercus* [Denis & Schiffermüller],1775; *denisii* Fuessly,1779; *#brunnescens* Rebel,1910; *#canescens*, *pallidescens* Closs,1922; *mesopotamica* O.Bang-Haas,1938; *schirasi* O.Bang-Haas,1938; *#pallida* Vilarrubia,1973.

Range (as code): 01 02 05 06 07 10 12 13 19 21 30 31 33 42 46 47 48 49 56 62 65 72 73

**579. *Rethera komarovi* (Christoph,1885)**

Synonymy: *komarovi* Christoph,1885; *#kamarowi* Wagner,1931; *rjabovi* O.Bang-Haas,1934; *#albocingulata* O.Bang-Haas,1934; *#roseocingulata* O.Bang-Haas,1937

Range (as code): 02 05 06 13 23 30 33 36 42 44 46 56 60 65 66 69 70 71

**580. *Smerinthus kindermanni* Lederer,1852**

Synonymy: *kindermanni* Lederer,1852; *#obscura* Closs,1917

Range (as code): 06 21 22 23 25 30 33 42 46 56 58 60 63 65 72 76

## Stathmopodidae

**581. *Tortilia graeca* Kasy,1981**

Synonymy: *graeca* Kasy,1981

Range (as code): 30

Remarks: This species was reported from Hakkari Province by the authors (Kemal & Koçak, 2018b).

## Tineidae

**582. *Edosa lardatella* (Lederer,1858)**

(Fig. 130)

Synonymy: *lardatella* Lederer,1858

Range (as code): 30 31 44 46

**583. *Hapsifera luridella* Zeller,1847**

Synonymy: *luridella* Zeller,1847; *eburnea* Butler,1881; *palaestinensis* Rebel,1901; *baliopsamma* Meyrick,1921; *torulosa* Turati,1919; *cyrenaicensis* Turati,1924; *pustulatella* Lucas,1942 nec Zell.,1852; *kerbelella* Amsel,1949; *asiatica* Amsel,1949; *susaella* Amsel,1959

Range (as code): 01 05 06 16 21 22 27 30 31 33 42 46 47 56 65 71 73 76

**Tortricidae****584. *Acleris permutana* (Duponchel, 1836)**

Synonymy: *permutana* Duponchel, 1836; *permutatana* Herrich-Schäffer, 1851.

Range (as code): 16 30 46

**585. *Acleris variegana* ([Denis & Schiffermüller], 1775)**

Synonymy: *variegana* [Denis & Schiffermüller], 1775; *asperana* Fabricius, 1777; *osbeckiana* Thunberg, 1784; *nyctemerana* Hübner, [1817]; *blandiana* Charpentier, 1821; *blandana* Hübner, [1825]; *cirrana* Curtis, 1835; *albana* Humpreys & Westwood, 1845; *insignana* Herrich-Schäffer, 1851.

Range (as code): 05 06 09 15 16 30 31 32 33 35 42 44 46 61 65

**586. *Aethes prangana* (Kennel, 1900)**

Synonymy: *prangana* Kennel, 1900

Range (as code): 13 30 56

**587. *Aethes tesserana* ([Denis & Schiffermüller], 1775) (Fig. 131)**

Synonymy: *tesserana* [Denis & Schiffermüller], 1775; *aleella* Sulzer, 1776; *heiserana* Fabricius, 1787; *groendaliana* Thunberg, 1791.

Range (as code): 04 05 06 16 30 36 40 60 65

Remarks: The name *magister*, described by Walsingham in 1900 from “Shar Deresy” probably in Syria is currently considered as a valid subspecies. This case is discussable. The genetic distance between Central European and Turkish populations must be calculated.



**Figs. 130, 131** - *Edosa lardatella*. Sulphur Valley 1620m, 18.vi.2018 (left). *Aethes tesserana*. Dez Valley 1625m, 20.v.2018 (right).

**588. *Aleimma loeflingianum* (Linnaeus, 1758)**

Synonymy: *loeflingiana* Linnaeus, 1758; *mixtana* Fabricius, 1794; *plumbana* Hübner, [1799]; *ectypana* Hübner, [1800]; *plumbeolana* Haworth, 1811

Range (as code): 05 06 16 17 22 30 32 42 44 46 49 56 65 71 81

**589. *Aphelia (Zelothereses) ferugana* (Hübner, 1793) (Fig. 132)**

Synonymy: *ferugana* Hübner, 1793; *ochreana* Hübner, [1799]; *shaqlawana* Amsel, 1955; *chretieni* Obraztsov, 1957; *#shaqlavana* Razowski, 1981

Range (as code): 02 05 13 14 16 21 30 31 42 46 49 56 65 71 73

**590. *Archips xylosteanus* (Linnaeus, 1758) (Fig. 133)**

Synonymy: *xylosteana* Linnaeus, 1758; *obliquana* Fabricius, 1781; *westriniana* Thunberg, 1784; *densata* Fourcroy, 1785; *densana* De Villers, 1789; *characterana* Hübner, 1793; *hybnerana* Fabricius, 1794; *pallens* Kennel, 1901

Range (as code): 16 18 24 30 33 34 41 56 65

**591. *Cnephasia (s.str.) orientana* (Alpheraky, 1877)**

Synonymy: *orientana* Alpheraky, 1877

Range (as code): 04 06 13 27 30 38 44 46 56 65 76





**Figs. 132, 133** - *Aphelia (Zelothereses) ferugana*.Dez Valley 1500m, 20.v. 2018 (left). *Archips xylosteanus*. Ağaçdibi 1375m., 16.vi.2018 (right).

**592. *Cochylimorpha meridiolana* (Ragonot,1894)**

Synonymy: meridiolana Ragonot,1894; ochrostriana Kennel,1899; meridiolana Kennel,1900 nec Ragonot,1894; kenneli Razowski,1967.

Range (as code): 30 47

**593. *Epinotia dalmatana* (Rebel,1891)**

Synonymy: dalmatana Rebel,1891; luciana Chrétien,1908; psychrodora Meyrick,1936; mesopotamica Obraztsov,1952; obraztsovi Agenjo,1967

Range (as code): 06 13 30 44 47

**594. *Fulvoclysia subdolana* (Kennel,1901)**

Synonymy: subdolana Kennel,1901; subflavana Amsel,1959

Range (as code): 01 30 44 46 51 65 73 76

**595. *Notocelia uddmanniana* (Linnaeus,1758)**

Synonymy: uddmanniana Linnaeus,1758; rubiana Scopoli,1763; achatana Hübner,[1799]

Range (as code): 01 05 06 14 16 21 30 31 33 44 46 53 58 65 81

**596. *Sparganothis pilleriana* ([Denis & Schiffermüller],1775)**

Synonymy: pilleriana [Denis & Schiffermüller],1775; vitis Dantic,1786; pillerana Fabricius,1794; vitana Fabricius,1794; luteolana Hübner,1822; danticana Walcken,1836; obscurana Preissecker,1936

Range (as code): 01 05 16 30 32 33 46 48 50 65

**597. *Tortrix viridana* (Linnaeus,1758)**

Synonymy: viridana Linnaeus,1758; suttneriana [Denis & Schiffermüller],1775; flavipes Fourcroy,1785; flavana Zincken,1821 nec Hübn.,[1799]; coeruleana Sorhagen,1881.

Range (as code): 02 03 05 06 10 12 13 16 17 30 34 39 42 45 50 56 65 69 71 75 76

## **Zygaenidae**

**598. *Zygaena (Mesembrynus) tamara* Christoph,1889**

Synonymy: tamara Christoph,1889

Range (as code): 13 30 62 65

Remarks: This species was previously reported and illustrated from Hakkari by the authors (Koçak & Kemal, 2015: fig.69).

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